

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU033022\  
 Data File : VU047758.D  
 Acq On : 30 Mar 2022 10:50  
 Operator : SY/MD  
 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Mar 31 02:20:02 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U033022W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 31 02:19:22 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.378  | 168   | 275100   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.253  | 114   | 410956   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 9.420  | 117   | 403958   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.812 | 152   | 211192   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.710  | 65    | 3841     | 0.971    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 1.940%#  |
| 35) Dibromofluoromethane     | 5.292  | 113   | 3367     | 1.215    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 2.420%#  |
| 50) Toluene-d8               | 7.902  | 98    | 10146    | 0.972    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 1.940%#  |
| 62) 4-Bromofluorobenzene     | 10.635 | 95    | 3178     | 0.763    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 1.520%#  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.388  | 85    | 2603     | 0.773    | ug/l   | 100      |
| 3) Chloromethane             | 1.526  | 50    | 3449     | 0.888    | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.610  | 62    | 2966     | 0.791    | ug/l   | 98       |
| 5) Bromomethane              | 1.864  | 94    | 2572     | 1.223    | ug/l # | 79       |
| 6) Chloroethane              | 1.941  | 64    | 2113     | 0.858    | ug/l   | 91       |
| 7) Trichlorofluoromethane    | 2.144  | 101   | 4529     | 0.899    | ug/l   | 92       |
| 8) Diethyl Ether             | 2.385  | 74    | 1862     | 0.930    | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.587  | 101   | 2739     | 0.921    | ug/l   | 96       |
| 10) Methyl Iodide            | 2.732  | 142   | 925      | 0.260    | ug/l # | 84       |
| 11) Tert butyl alcohol       | 3.375  | 59    | 320      | 0.387    | ug/l # | 1        |
| 12) 1,1-Dichloroethene       | 2.587  | 96    | 2686     | 0.921    | ug/l   | 99       |
| 13) Acrolein                 | 2.501  | 56    | 945      | 9.261    | ug/l   | 85       |
| 14) Allyl chloride           | 2.928  | 41    | 3682     | 0.729    | ug/l # | 94       |
| 15) Acrylonitrile            | 3.340  | 53    | 9812     | 4.560    | ug/l   | 98       |
| 16) Acetone                  | 2.668  | 43    | 12459    | 5.894    | ug/l   | 91       |
| 17) Carbon Disulfide         | 2.800  | 76    | 7983     | 0.991    | ug/l   | 99       |
| 18) Methyl Acetate           | 2.970  | 43    | 4485     | 0.678    | ug/l # | 67       |
| 19) Methyl tert-butyl Ether  | 3.375  | 73    | 7634     | 0.734    | ug/l   | 96       |
| 20) Methylene Chloride       | 3.057  | 84    | 3900     | 1.107    | ug/l   | 96       |
| 21) trans-1,2-Dichloroethene | 3.356  | 96    | 2519     | 0.831    | ug/l # | 87       |
| 22) Diisopropyl ether        | 3.999  | 45    | 6886     | 0.689    | ug/l   | 85       |
| 23) Vinyl Acetate            | 3.970  | 43    | 27858    | 3.555    | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.870  | 63    | 2201     | 0.367    | ug/l # | 94       |
| 25) 2-Butanone               | 4.739  | 43    | 13582    | 4.829    | ug/l   | 96       |
| 26) 2,2-Dichloropropane      | 4.674  | 77    | 4261     | 0.854    | ug/l   | 94       |
| 27) cis-1,2-Dichloroethene   | 4.674  | 96    | 3153     | 0.884    | ug/l   | 99       |
| 28) Bromochloromethane       | 4.980  | 49    | 1755     | 0.620    | ug/l # | 79       |
| 29) Tetrahydrofuran          | 5.076  | 42    | 8366     | 4.811    | ug/l # | 78       |
| 30) Chloroform               | 5.089  | 83    | 5379     | 0.898    | ug/l   | 100      |
| 31) Cyclohexane              | 5.385  | 56    | 8626     | 1.556    | ug/l # | 39       |
| 32) 1,1,1-Trichloroethane    | 5.324  | 97    | 4439     | 0.874    | ug/l # | 47       |
| 36) 1,1-Dichloropropene      | 5.533  | 75    | 3657     | 0.939    | ug/l   | 94       |
| 37) Ethyl Acetate            | 4.822  | 43    | 4256     | 0.894    | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 5.533  | 117   | 4073     | 1.022    | ug/l   | 94       |
| 39) Methylcyclohexane        | 6.764  | 83    | 4574     | 0.954    | ug/l   | 97       |
| 40) Benzene                  | 5.780  | 78    | 11802    | 1.018    | ug/l   | 94       |

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 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Mar 31 02:20:02 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U033022W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 31 02:19:22 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 41) Methacrylonitrile         | 4.986  | 41   | 1913     | 0.806 | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 5.800  | 62   | 4181     | 1.000 | ug/l   | 90       |
| 43) Isopropyl Acetate         | 5.922  | 43   | 6726     | 0.980 | ug/l # | 91       |
| 44) Trichloroethene           | 6.549  | 130  | 3376     | 1.163 | ug/l   | 87       |
| 45) 1,2-Dichloropropane       | 6.793  | 63   | 2688     | 0.870 | ug/l   | 92       |
| 46) Dibromomethane            | 6.922  | 93   | 2214     | 1.015 | ug/l   | 96       |
| 47) Bromodichloromethane      | 7.108  | 83   | 4164     | 1.013 | ug/l   | 98       |
| 48) Methyl methacrylate       | 6.970  | 41   | 2559     | 0.803 | ug/l   | 95       |
| 49) 1,4-Dioxane               | 7.050  | 88   | 678      | 8.083 | ug/l # | 61       |
| 51) 4-Methyl-2-Pentanone      | 7.800  | 43   | 21237    | 4.524 | ug/l   | 94       |
| 52) Toluene                   | 7.973  | 92   | 6442     | 0.894 | ug/l   | 92       |
| 53) t-1,3-Dichloropropene     | 8.214  | 75   | 3994     | 0.850 | ug/l # | 77       |
| 54) cis-1,3-Dichloropropene   | 7.610  | 75   | 4101     | 0.824 | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 8.404  | 97   | 3222     | 1.064 | ug/l   | 93       |
| 56) Ethyl methacrylate        | 8.340  | 69   | 3180     | 0.670 | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 8.578  | 76   | 4696     | 0.876 | ug/l   | 95       |
| 59) 2-Hexanone                | 8.693  | 43   | 17195    | 4.617 | ug/l   | 96       |
| 60) Dibromochloromethane      | 8.816  | 129  | 3331     | 1.041 | ug/l   | 93       |
| 61) 1,2-Dibromoethane         | 8.928  | 107  | 3272     | 1.002 | ug/l   | 97       |
| 64) Tetrachloroethene         | 8.555  | 164  | 2963     | 1.258 | ug/l   | 94       |
| 65) Chlorobenzene             | 9.449  | 112  | 8281     | 1.044 | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 9.536  | 131  | 3106     | 1.094 | ug/l # | 63       |
| 67) Ethyl Benzene             | 9.571  | 91   | 12362    | 0.888 | ug/l   | 100      |
| 68) m/p-Xylenes               | 9.697  | 106  | 9229     | 1.737 | ug/l   | 95       |
| 69) o-Xylene                  | 10.102 | 106  | 4277     | 0.826 | ug/l   | 92       |
| 70) Styrene                   | 10.118 | 104  | 6679     | 0.765 | ug/l   | 96       |
| 71) Bromoform                 | 10.291 | 173  | 2833     | 1.148 | ug/l # | 94       |
| 73) Isopropylbenzene          | 10.488 | 105  | 10902    | 0.807 | ug/l   | 96       |
| 74) N-amyl acetate            | 10.324 | 43   | 4085     | 0.682 | ug/l # | 87       |
| 75) 1,1,2,2-Tetrachloroethane | 10.783 | 83   | 5423     | 1.001 | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 10.828 | 75   | 5811     | 0.920 | ug/l   | 97       |
| 77) Bromobenzene              | 10.783 | 156  | 3614     | 1.075 | ug/l   | 96       |
| 78) n-propylbenzene           | 10.905 | 91   | 12241    | 0.734 | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 10.986 | 91   | 8155     | 0.826 | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 8543     | 0.729 | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-b... | 10.549 | 75   | 1316     | 0.742 | ug/l # | 94       |
| 82) 4-Chlorotoluene           | 11.102 | 91   | 8687     | 0.750 | ug/l   | 96       |
| 83) tert-Butylbenzene         | 11.423 | 119  | 8906     | 0.796 | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.471 | 105  | 8231     | 0.714 | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.642 | 105  | 10098    | 0.685 | ug/l   | 94       |
| 86) p-Isopropyltoluene        | 11.796 | 119  | 8444     | 0.683 | ug/l   | 88       |
| 87) 1,3-Dichlorobenzene       | 11.748 | 146  | 6806     | 1.009 | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 11.748 | 146  | 6806     | 0.999 | ug/l   | 96       |
| 89) n-Butylbenzene            | 12.211 | 91   | 8719     | 0.736 | ug/l   | 97       |
| 90) Hexachloroethane          | 12.478 | 117  | 2017     | 0.890 | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 12.214 | 146  | 6870     | 1.050 | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 13.002 | 75   | 1145     | 0.897 | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 13.841 | 180  | 4299     | 0.936 | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 14.024 | 225  | 2437     | 1.188 | ug/l   | 96       |
| 95) Naphthalene               | 14.089 | 128  | 9858     | 0.644 | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 4267     | 0.935 | ug/l   | 97       |

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Acq On : 30 Mar 2022 10:50  
Operator : SY/MD  
Sample : VSTDICC001  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 2 Sample Multiplier: 1

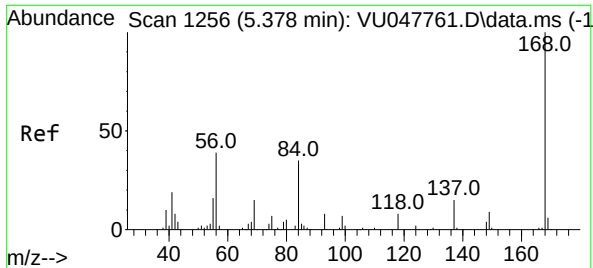
Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Mar 31 02:20:02 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U033022W.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 31 02:19:22 2022  
Response via : Initial Calibration

| Compound                                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

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Quant Title : SW846 8260  
QLast Update : Thu Mar 31 02:19:22 2022  
Response via : Initial Calibration

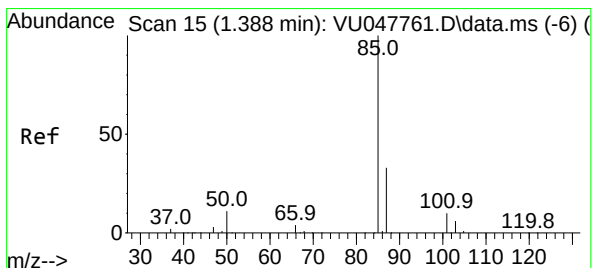
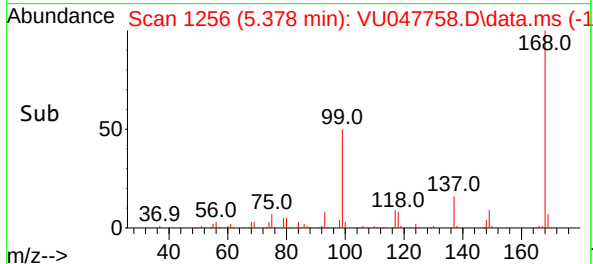
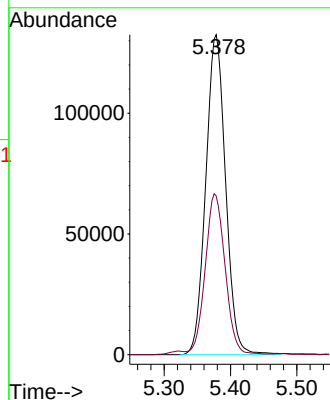
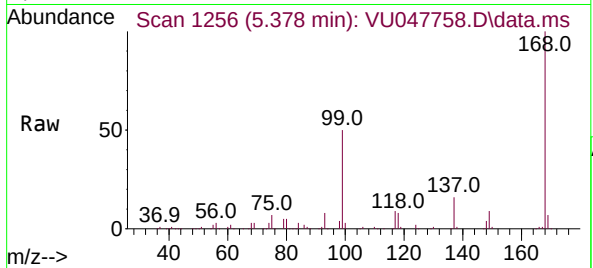




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.378 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

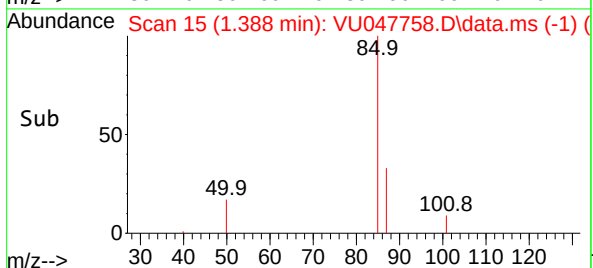
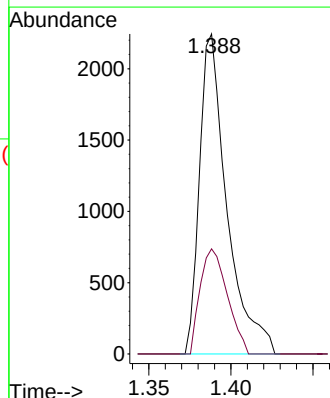
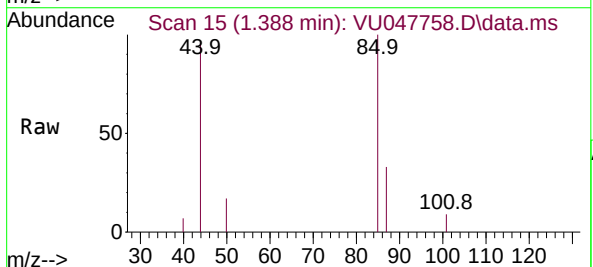
Instrument :  
MSVOA\_U  
ClientSampleId :

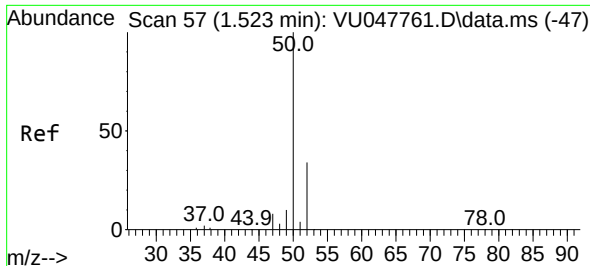
Tgt Ion:168 Resp: 275100  
Ion Ratio Lower Upper  
168 100  
99 49.3 39.3 58.9



#2  
Dichlorodifluoromethane  
Concen: 0.773 ug/l  
RT: 1.388 min Scan# 15  
Delta R.T. -0.000 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

Tgt Ion: 85 Resp: 2603  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.4 49.2

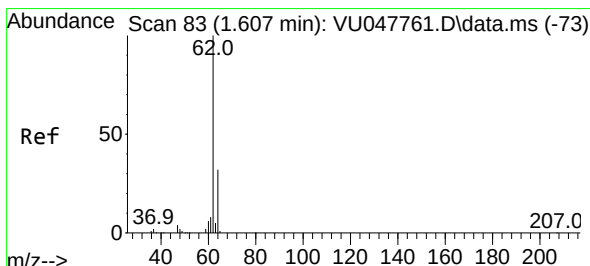
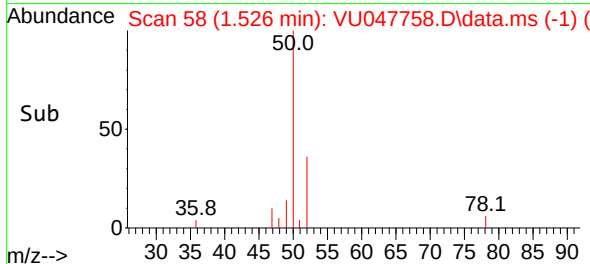
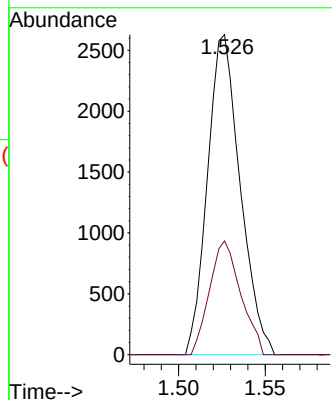
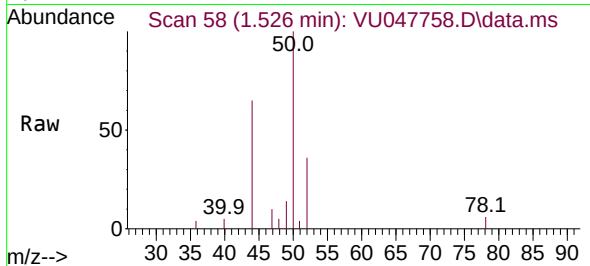




#3  
Chloromethane  
Concen: 0.888 ug/l  
RT: 1.526 min Scan# 51  
Delta R.T. 0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

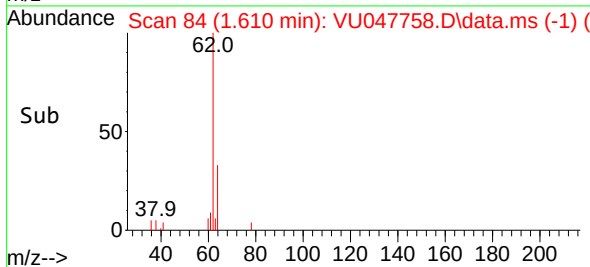
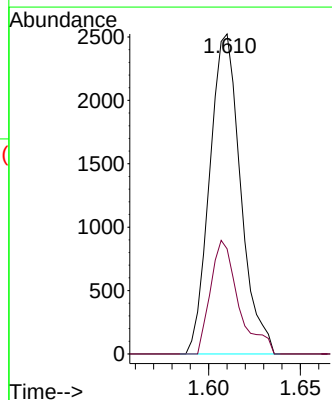
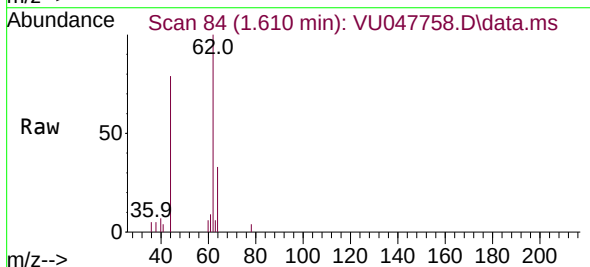
Instrument :  
MSVOA\_U  
ClientSampleId :

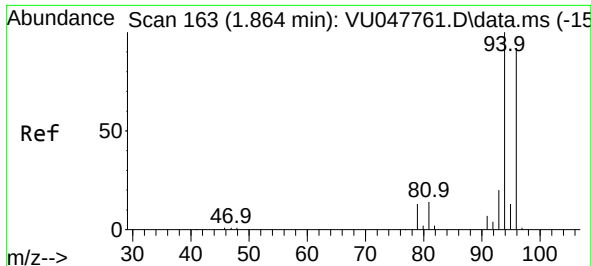
Tgt Ion: 50 Resp: 3449  
Ion Ratio Lower Upper  
50 100  
52 35.6 27.4 41.2



#4  
Vinyl Chloride  
Concen: 0.791 ug/l  
RT: 1.610 min Scan# 84  
Delta R.T. 0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

Tgt Ion: 62 Resp: 2966  
Ion Ratio Lower Upper  
62 100  
64 32.8 25.3 37.9

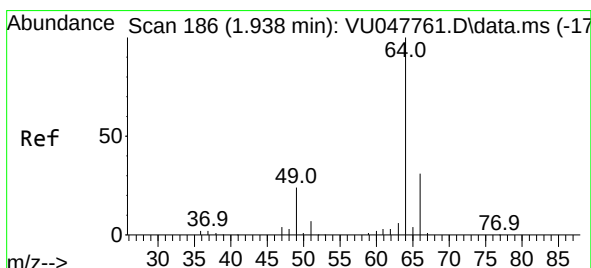
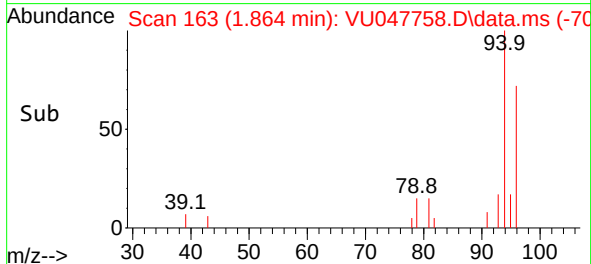
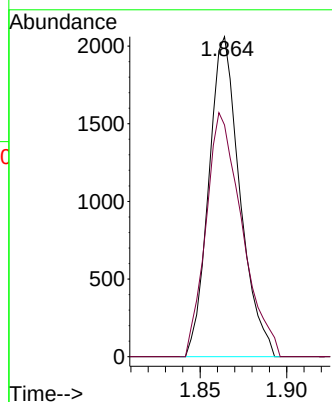
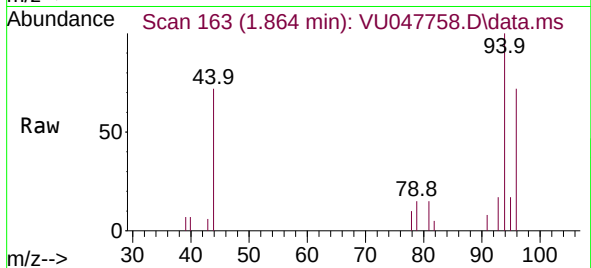




#5  
Bromomethane  
Concen: 1.223 ug/l  
RT: 1.864 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

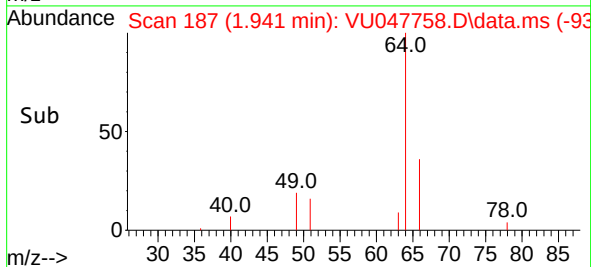
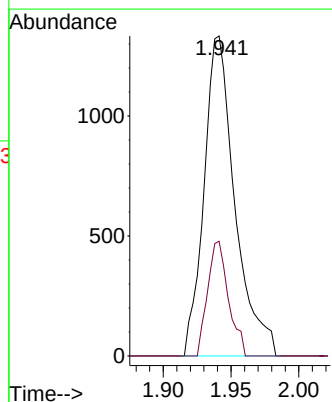
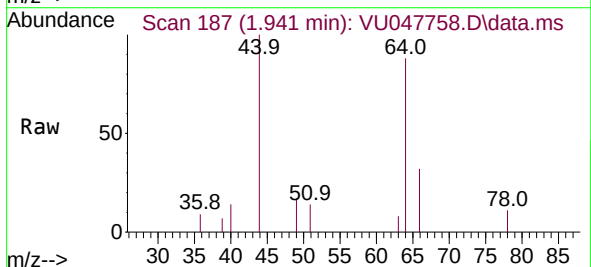
Instrument :  
MSVOA\_U  
ClientSampleId :

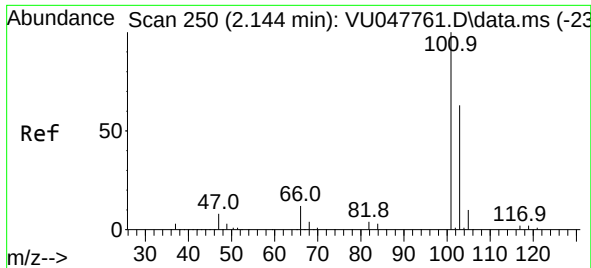
Tgt Ion: 94 Resp: 2572  
Ion Ratio Lower Upper  
94 100  
96 72.4 73.7 110.5#



#6  
Chloroethane  
Concen: 0.858 ug/l  
RT: 1.941 min Scan# 187  
Delta R.T. 0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

Tgt Ion: 64 Resp: 2113  
Ion Ratio Lower Upper  
64 100  
66 35.9 24.7 37.1

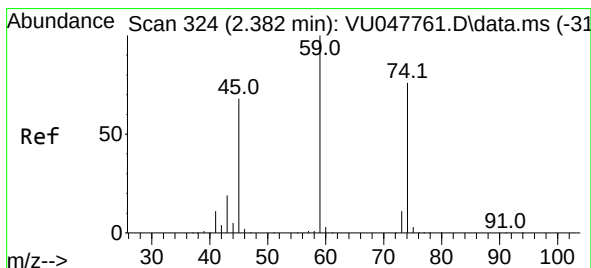
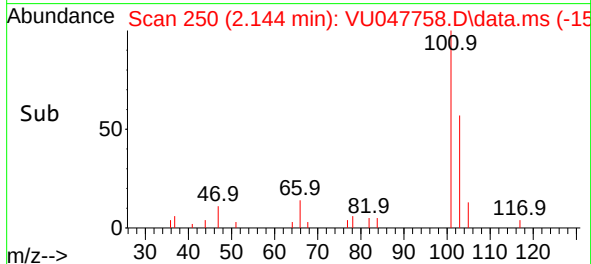
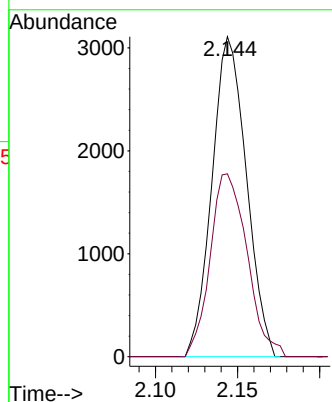
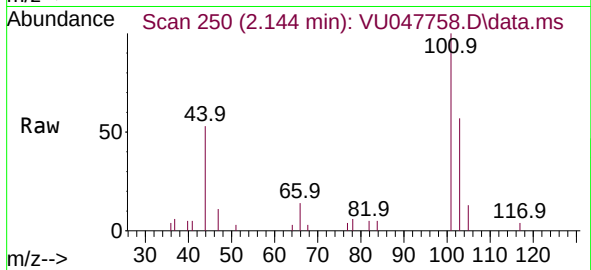




#7  
 Trichlorofluoromethane  
 Concen: 0.899 ug/l  
 RT: 2.144 min Scan# 210  
 Delta R.T. -0.000 min  
 Lab File: VU047758.D  
 Acq: 30 Mar 2022 10:50

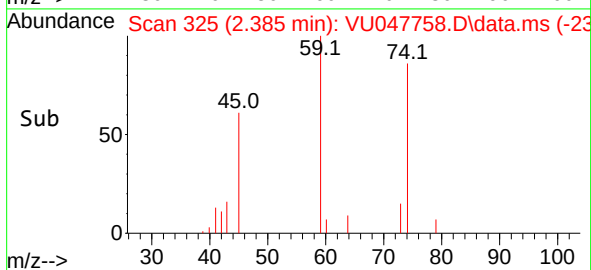
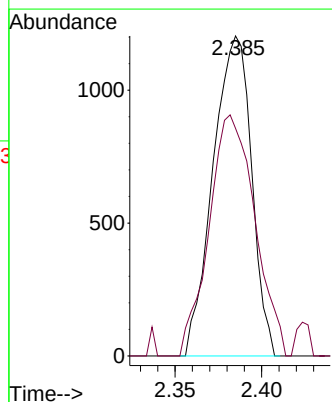
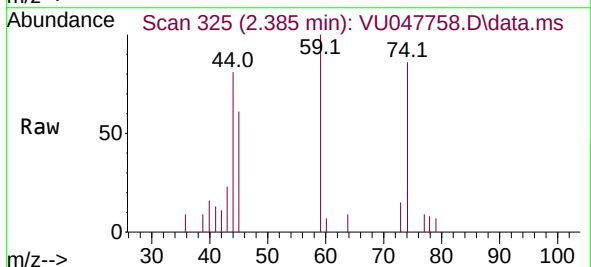
Instrument :  
 MSVOA\_U  
 ClientSampleId :

Tgt Ion:101 Resp: 4529  
 Ion Ratio Lower Upper  
 101 100  
 103 57.2 50.6 75.8

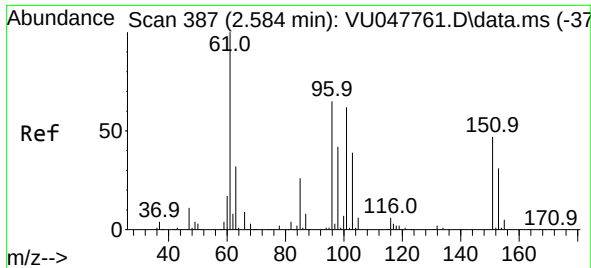


#8  
 Diethyl Ether  
 Concen: 0.930 ug/l  
 RT: 2.385 min Scan# 325  
 Delta R.T. 0.003 min  
 Lab File: VU047758.D  
 Acq: 30 Mar 2022 10:50

Tgt Ion: 74 Resp: 1862  
 Ion Ratio Lower Upper  
 74 100  
 45 89.6 44.4 133.2



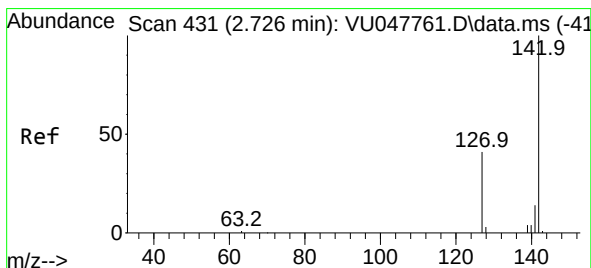
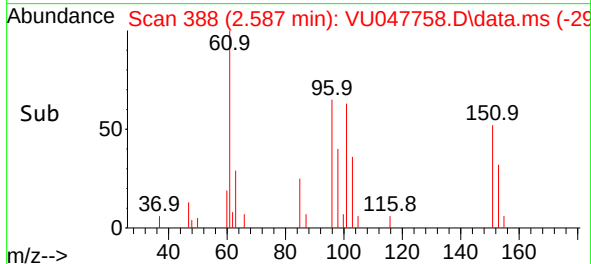
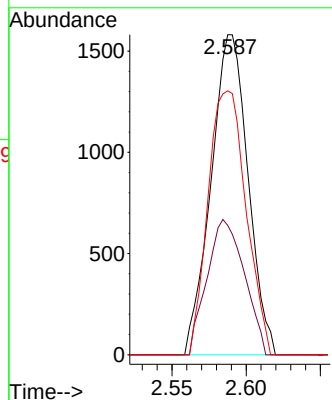
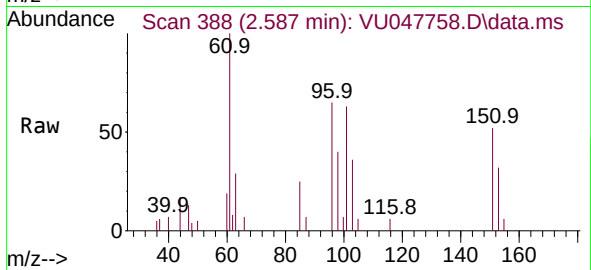




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.921 ug/l  
RT: 2.587 min Scan# 387  
Delta R.T. 0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

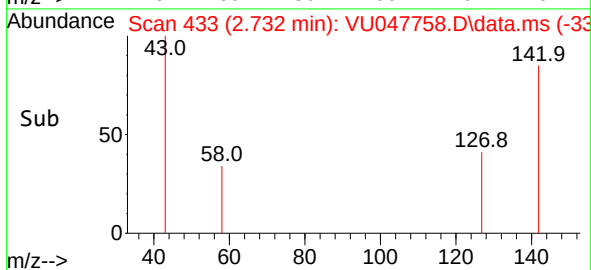
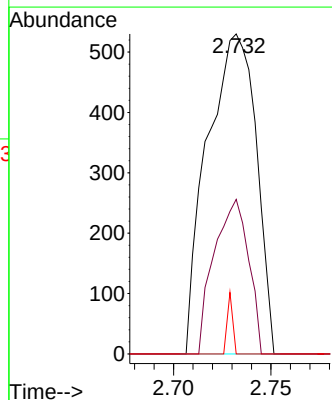
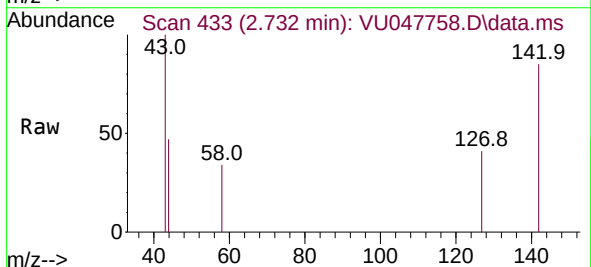
Instrument :  
MSVOA\_U  
ClientSampleId :

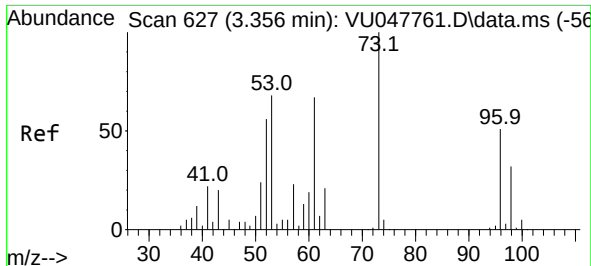
Tgt Ion:101 Resp: 2739  
Ion Ratio Lower Upper  
101 100  
85 42.6 33.9 50.9  
151 84.7 64.0 96.0



#10  
Methyl Iodide  
Concen: 0.260 ug/l  
RT: 2.732 min Scan# 433  
Delta R.T. 0.006 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

Tgt Ion:142 Resp: 925  
Ion Ratio Lower Upper  
142 100  
127 33.9 32.5 48.7  
141 2.2 11.4 17.0#





#11

Tert butyl alcohol

Concen: 0.387 ug/l

RT: 3.375 min Scan# 61

Delta R.T. 0.019 min

Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

Instrument :

MSVOA\_U

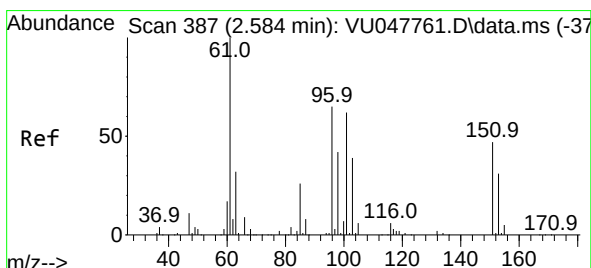
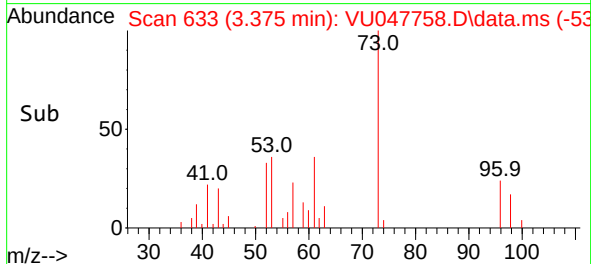
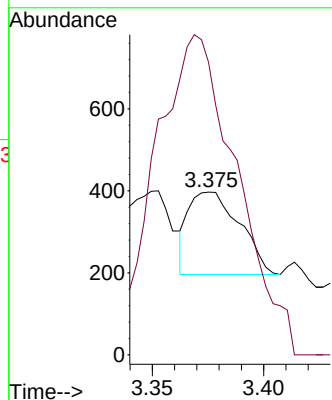
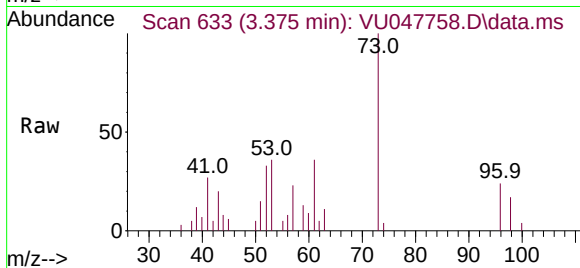
ClientSampleId :

Tgt Ion: 59 Resp: 320

Ion Ratio Lower Upper

59 100

57 621.3 30.6 45.8#



#12

1,1-Dichloroethene

Concen: 0.921 ug/l

RT: 2.587 min Scan# 388

Delta R.T. 0.003 min

Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

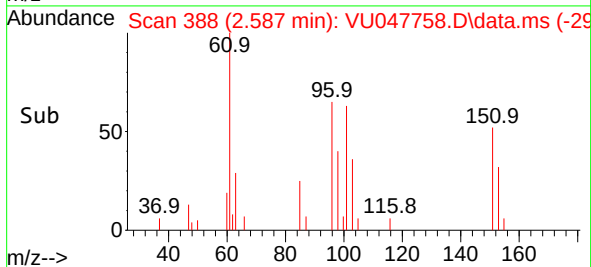
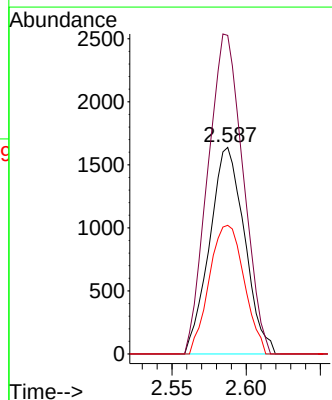
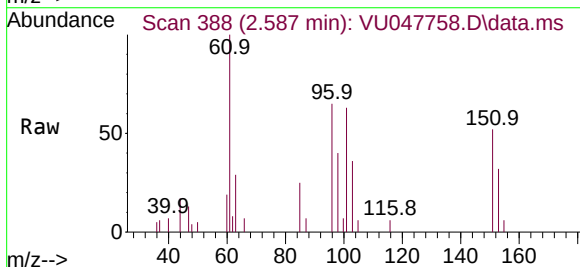
Tgt Ion: 96 Resp: 2686

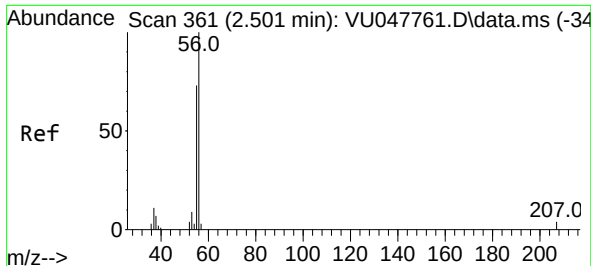
Ion Ratio Lower Upper

96 100

61 154.2 122.2 183.2

98 62.3 50.7 76.1

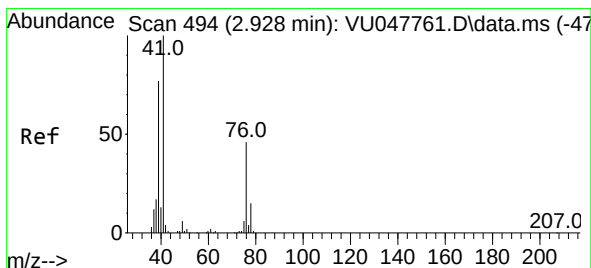
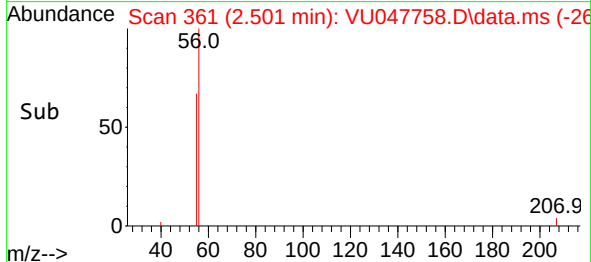
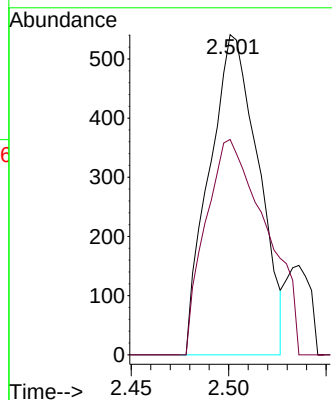
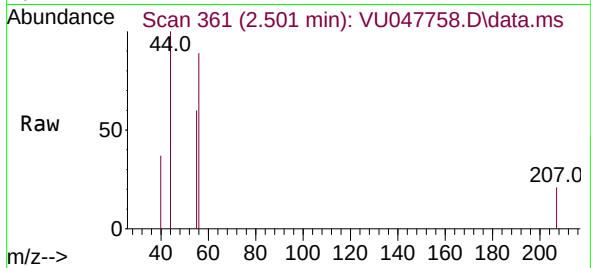




#13  
Acrolein  
Concen: 9.261 ug/l  
RT: 2.501 min Scan# 361  
Delta R.T. -0.000 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

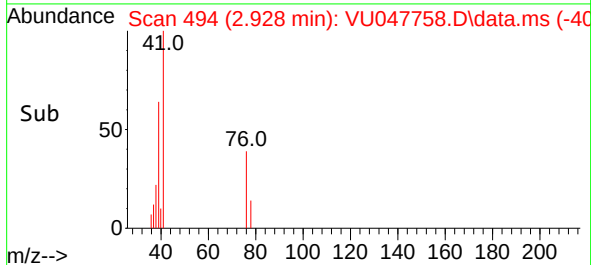
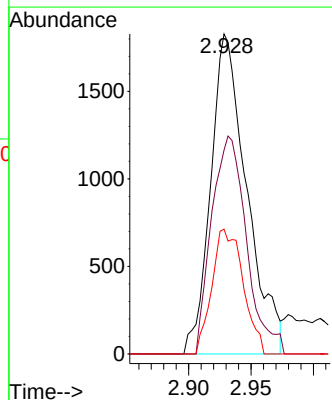
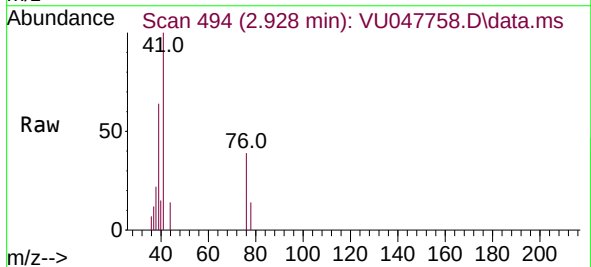
Instrument :  
MSVOA\_U  
ClientSampleId :

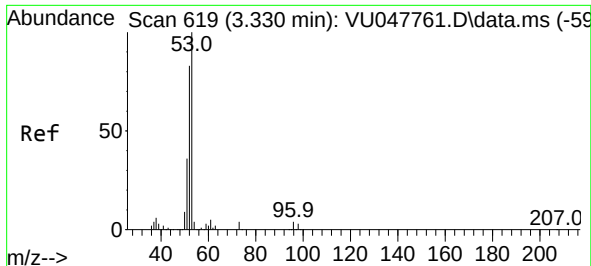
Tgt Ion: 56 Resp: 945  
Ion Ratio Lower Upper  
56 100  
55 83.1 56.6 85.0



#14  
Allyl chloride  
Concen: 0.729 ug/l  
RT: 2.928 min Scan# 494  
Delta R.T. -0.000 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

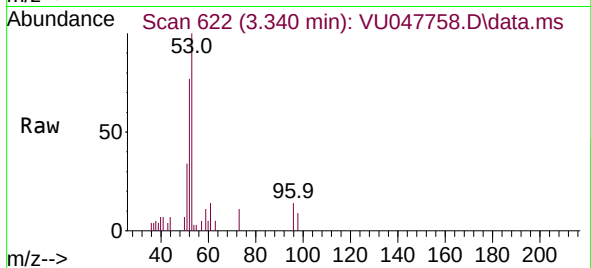
Tgt Ion: 41 Resp: 3682  
Ion Ratio Lower Upper  
41 100  
39 65.9 53.4 80.2  
76 33.7 33.8 50.6#





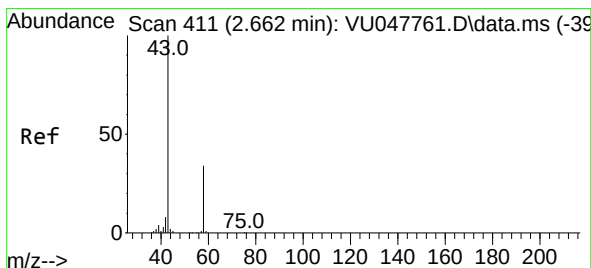
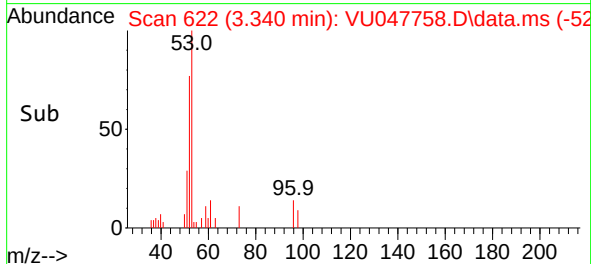
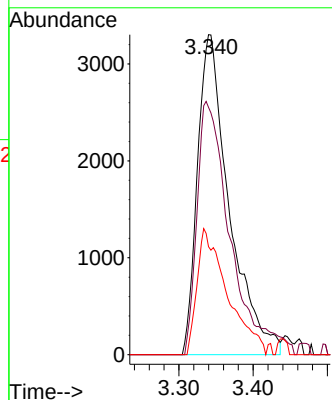
#15  
Acrylonitrile  
Concen: 4.560 ug/l  
RT: 3.340 min Scan# 619  
Delta R.T. 0.010 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 53 Resp: 9812

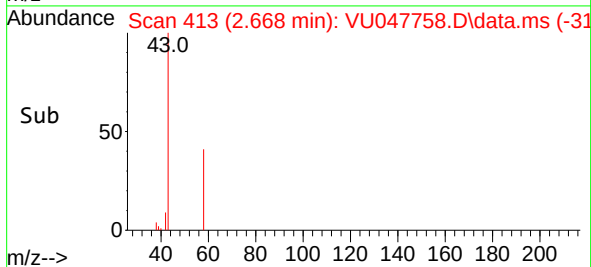
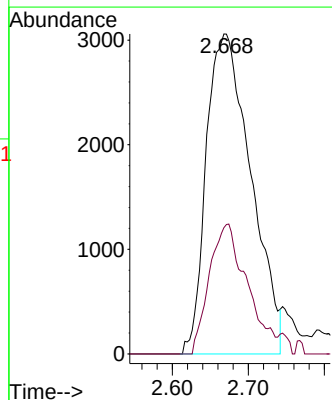
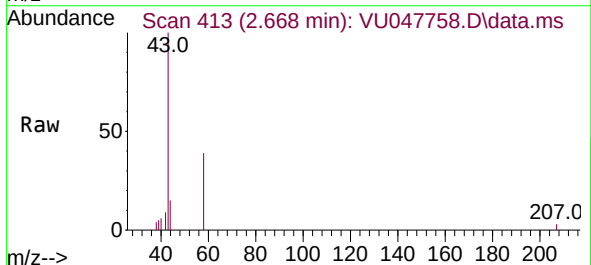
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.9  | 65.7  | 98.5  |
| 51  | 37.7  | 28.2  | 42.4  |

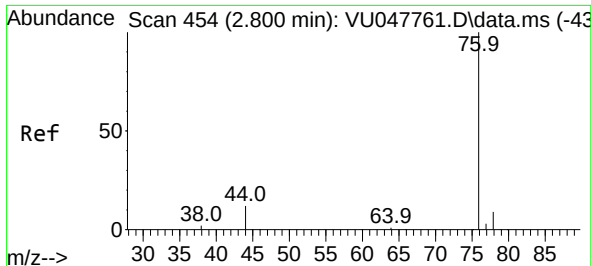


#16  
Acetone  
Concen: 5.894 ug/l  
RT: 2.668 min Scan# 413  
Delta R.T. 0.006 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

Tgt Ion: 43 Resp: 12459

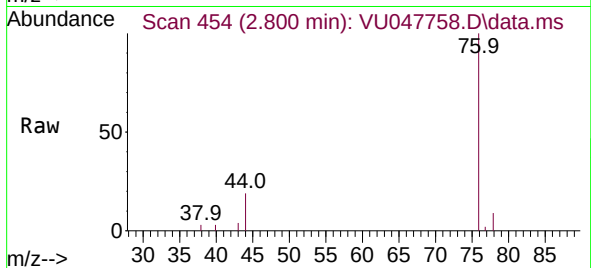
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 39.4  | 27.5  | 41.3  |



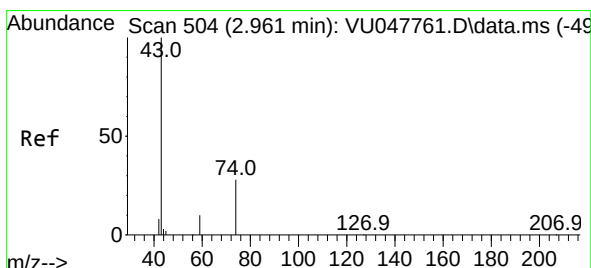
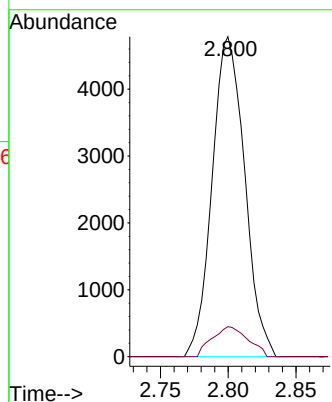
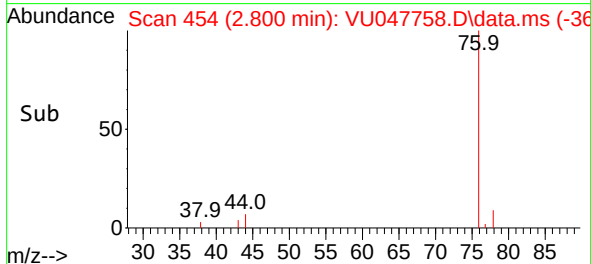


#17  
Carbon Disulfide  
Concen: 0.991 ug/l  
RT: 2.800 min Scan# 411  
Delta R.T. -0.000 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

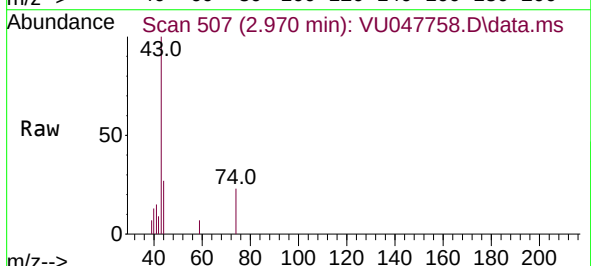
Instrument :  
MSVOA\_U  
ClientSampleId :



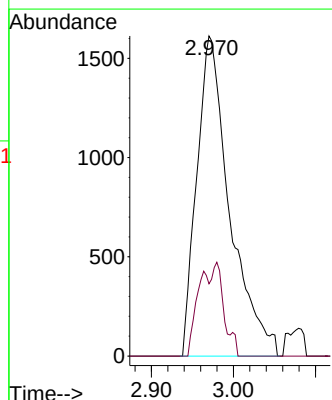
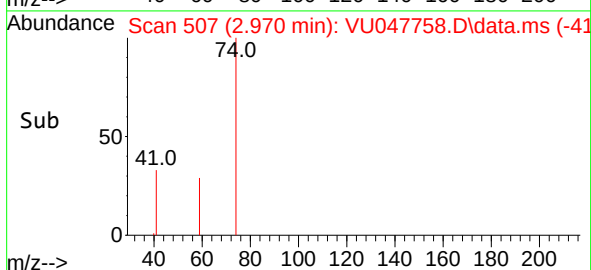
Tgt Ion: 76 Resp: 7983  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.3 10.9

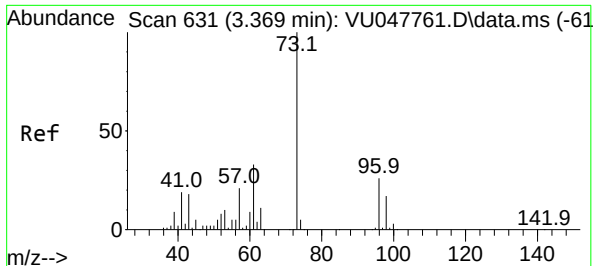


#18  
Methyl Acetate  
Concen: 0.678 ug/l  
RT: 2.970 min Scan# 507  
Delta R.T. 0.010 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50



Tgt Ion: 43 Resp: 4485  
Ion Ratio Lower Upper  
43 100  
74 10.6 22.5 33.7#

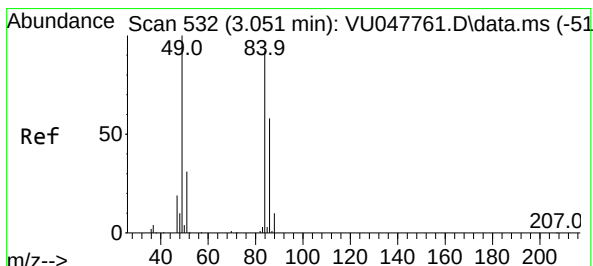
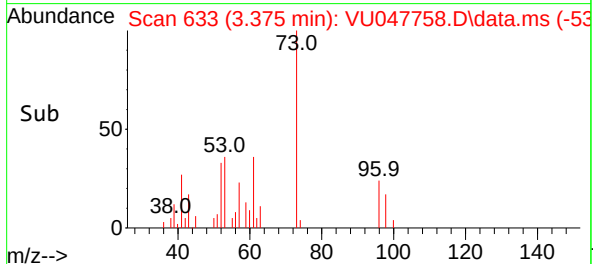
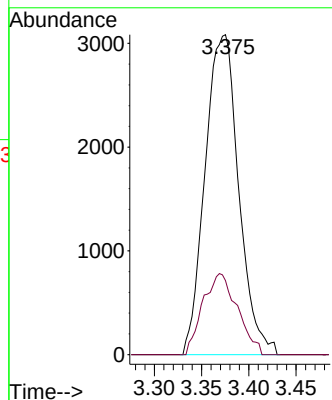
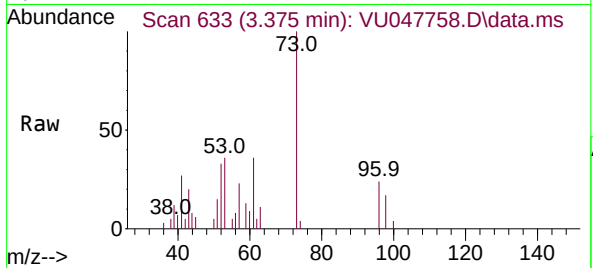




#19  
Methyl tert-butyl Ether  
Concen: 0.734 ug/l  
RT: 3.375 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

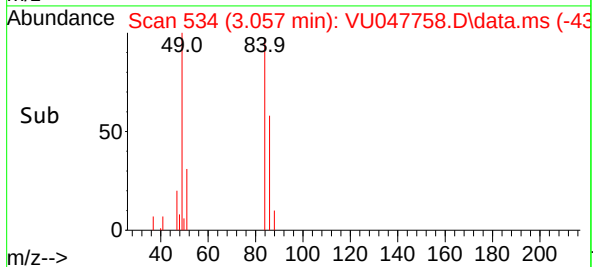
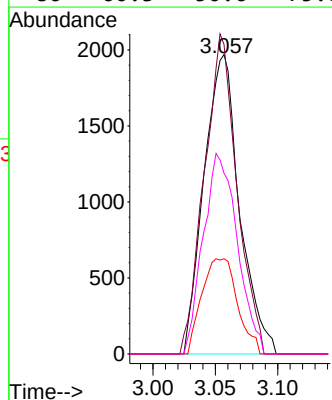
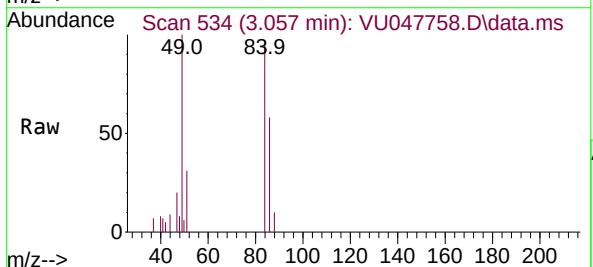
Instrument :  
MSVOA\_U  
ClientSampleId :

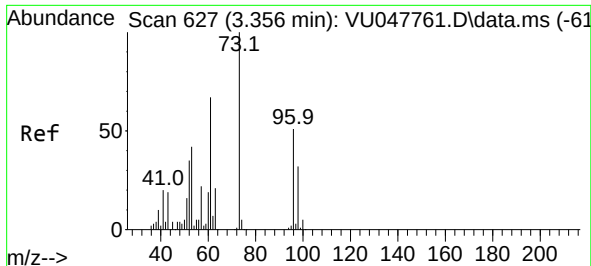
Tgt Ion: 73 Resp: 7634  
Ion Ratio Lower Upper  
73 100  
57 23.2 17.1 25.7



#20  
Methylene Chloride  
Concen: 1.107 ug/l  
RT: 3.057 min Scan# 534  
Delta R.T. 0.006 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

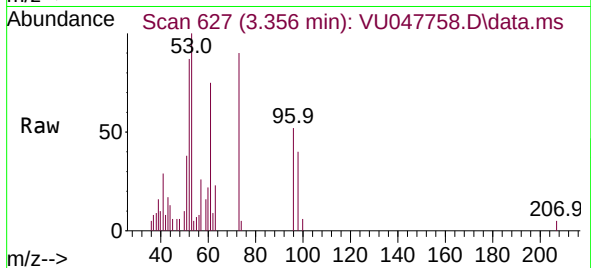
Tgt Ion: 84 Resp: 3900  
Ion Ratio Lower Upper  
84 100  
49 103.4 86.6 129.8  
51 31.8 26.6 40.0  
86 60.3 50.6 75.8



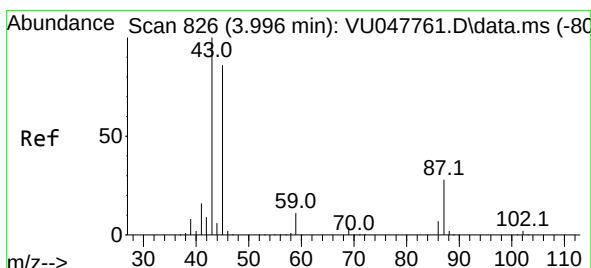
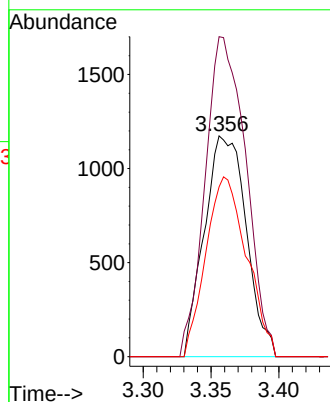
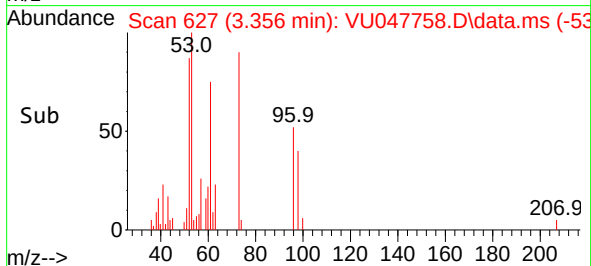


#21  
trans-1,2-Dichloroethene  
Concen: 0.831 ug/l  
RT: 3.356 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

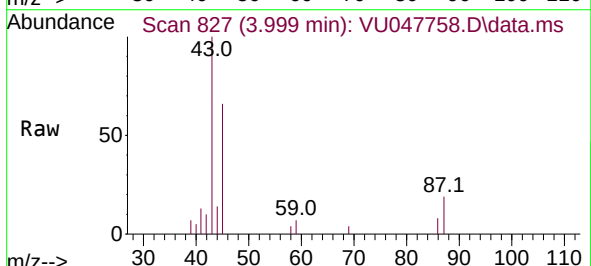
Instrument :  
MSVOA\_U  
ClientSampleId :



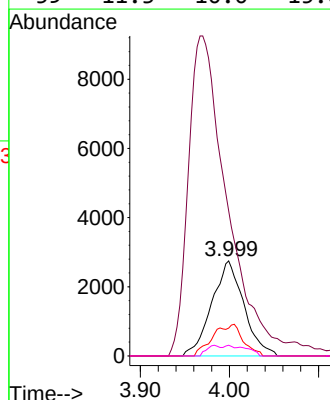
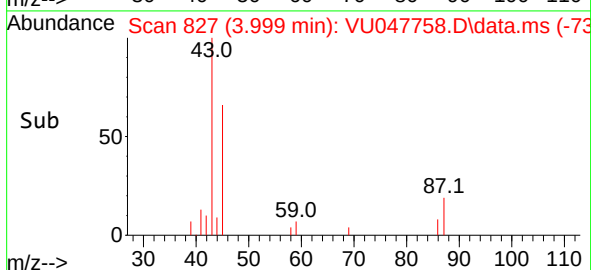
Tgt Ion: 96 Resp: 2519  
Ion Ratio Lower Upper  
96 100  
61 144.9 106.1 159.1  
98 76.8 50.8 76.2#

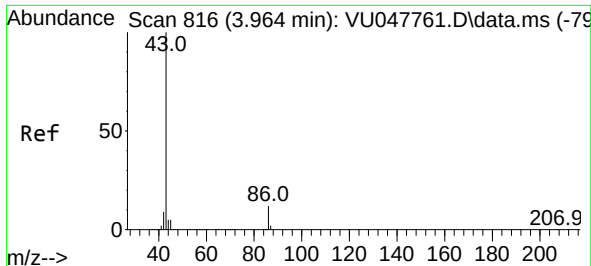


#22  
Diisopropyl ether  
Concen: 0.689 ug/l  
RT: 3.999 min Scan# 827  
Delta R.T. 0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50



Tgt Ion: 45 Resp: 6886  
Ion Ratio Lower Upper  
45 100  
43 136.5 92.9 139.3  
87 29.3 26.2 39.2  
59 11.3 10.0 15.0

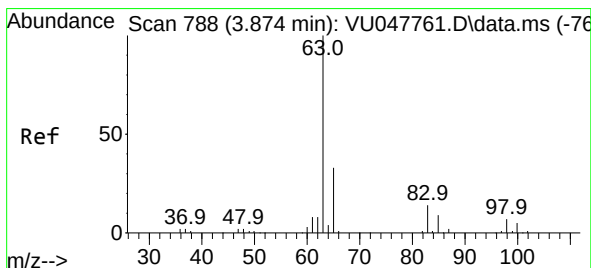
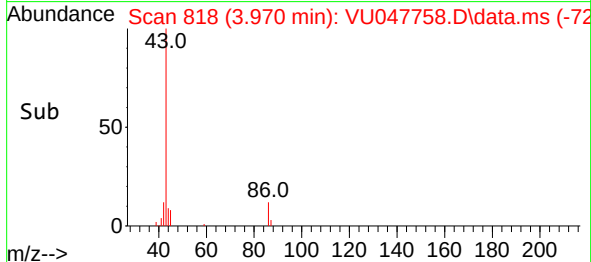
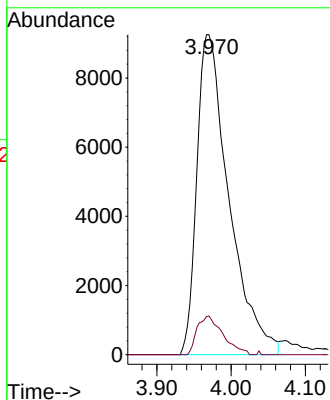
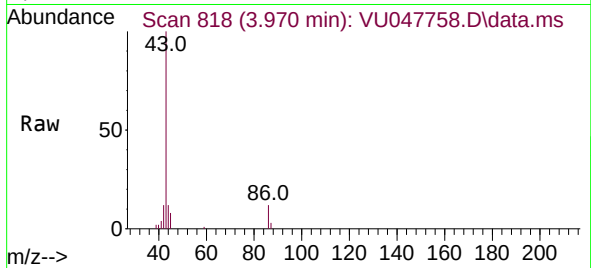




#23  
 Vinyl Acetate  
 Concen: 3.555 ug/l  
 RT: 3.970 min Scan# 816  
 Delta R.T. 0.006 min  
 Lab File: VU047758.D  
 Acq: 30 Mar 2022 10:50

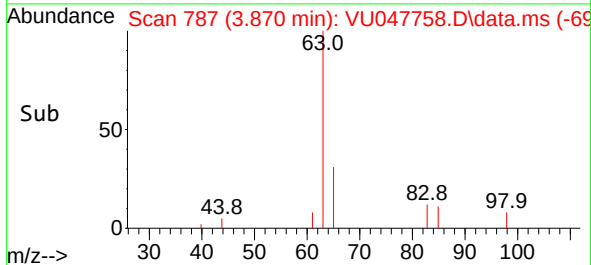
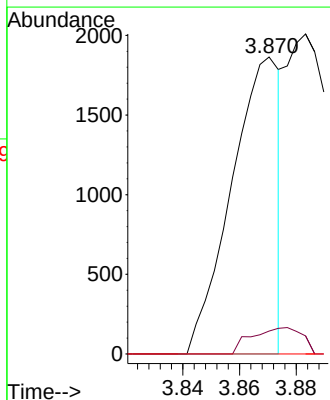
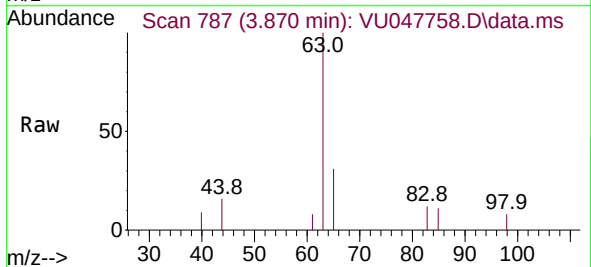
Instrument :  
 MSVOA\_U  
 ClientSampleId :

Tgt Ion: 43 Resp: 27858  
 Ion Ratio Lower Upper  
 43 100  
 86 12.1 9.8 14.8

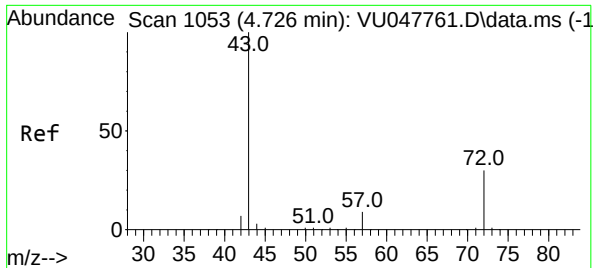


#24  
 1,1-Dichloroethane  
 Concen: 0.367 ug/l  
 RT: 3.870 min Scan# 787  
 Delta R.T. -0.003 min  
 Lab File: VU047758.D  
 Acq: 30 Mar 2022 10:50

Tgt Ion: 63 Resp: 2201  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.6 10.9  
 100 0.0 2.4 7.2#



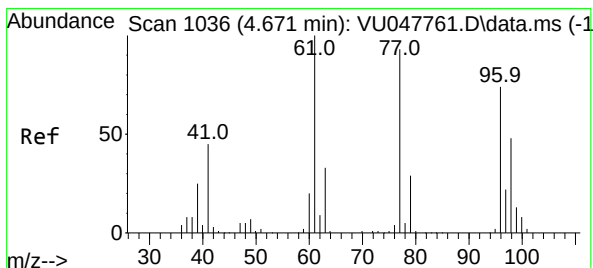
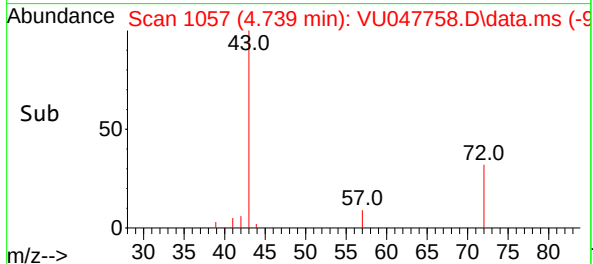
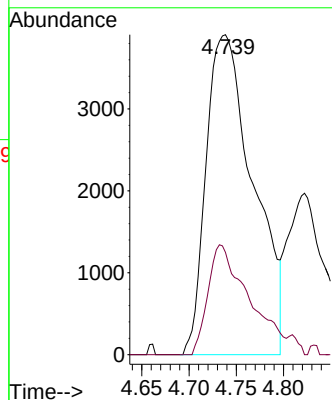
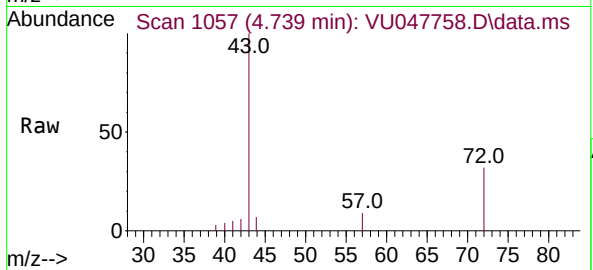




#25  
2-Butanone  
Concen: 4.829 ug/l  
RT: 4.739 min Scan# 1057  
Delta R.T. 0.013 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

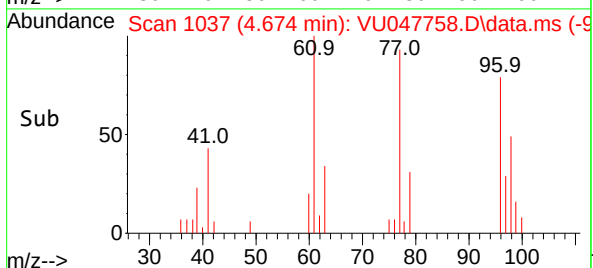
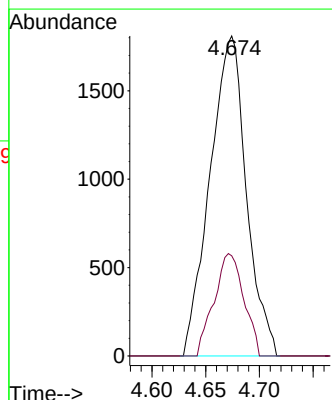
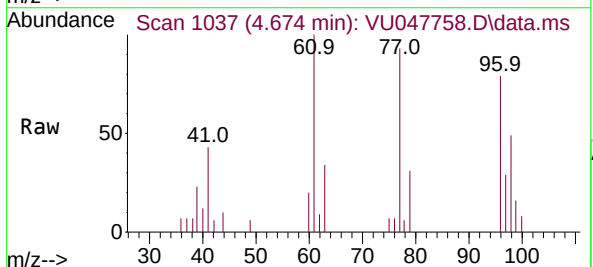
Instrument :  
MSVOA\_U  
ClientSampleId :

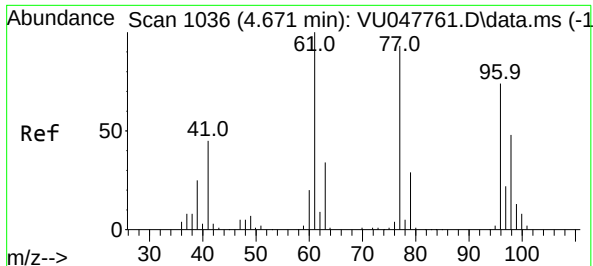
Tgt Ion: 43 Resp: 13582  
Ion Ratio Lower Upper  
43 100  
72 32.0 23.8 35.6



#26  
2,2-Dichloropropane  
Concen: 0.854 ug/l  
RT: 4.674 min Scan# 1037  
Delta R.T. 0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

Tgt Ion: 77 Resp: 4261  
Ion Ratio Lower Upper  
77 100  
97 26.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 0.884 ug/l

RT: 4.674 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

Instrument :

MSVOA\_U

ClientSampleId :

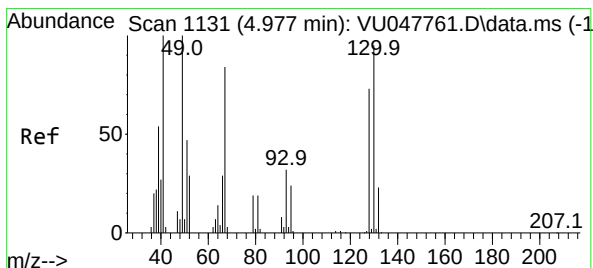
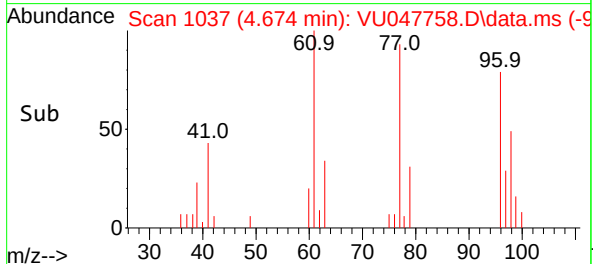
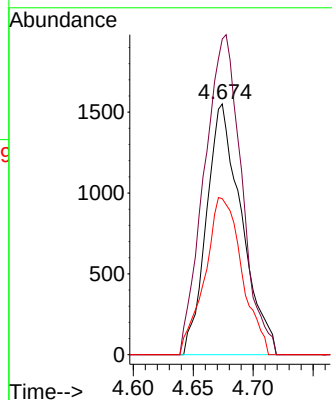
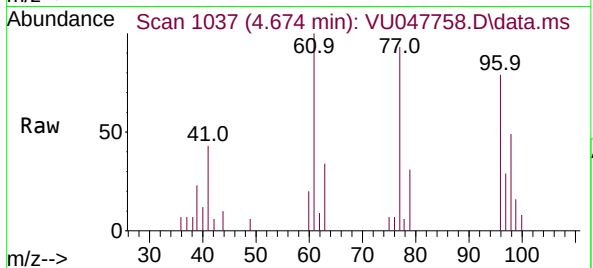
Tgt Ion: 96 Resp: 3153

Ion Ratio Lower Upper

96 100

61 135.8 0.0 271.6

98 66.1 0.0 128.2



#28

Bromochloromethane

Concen: 0.620 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

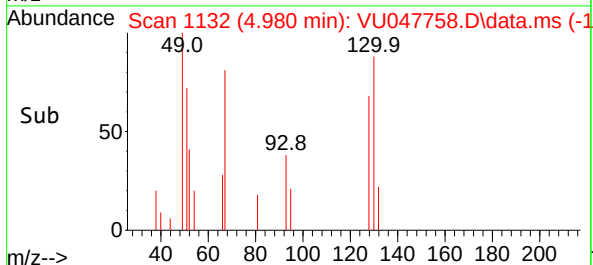
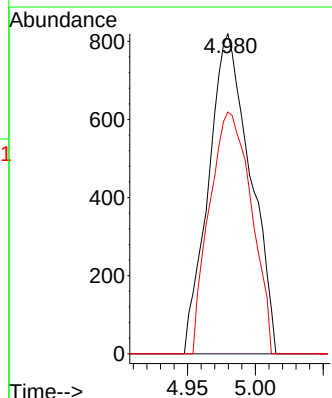
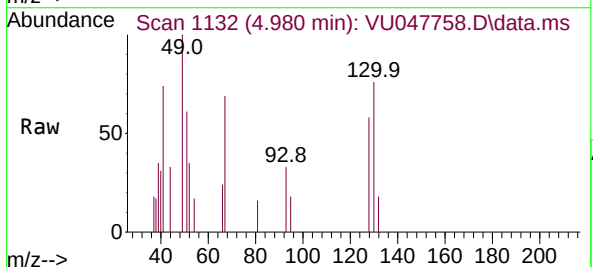
Tgt Ion: 49 Resp: 1755

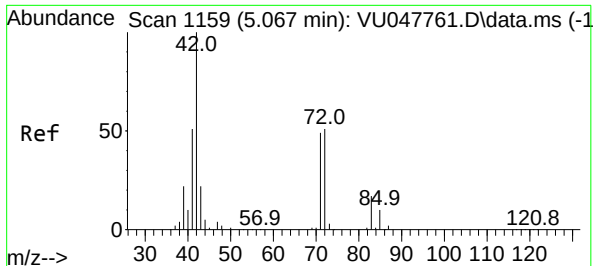
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 75.6 76.9 115.3#





#29

Tetrahydrofuran

Concen: 4.811 ug/l

RT: 5.076 min Scan# 1162

Delta R.T. 0.010 min

Lab File: VU047758.D

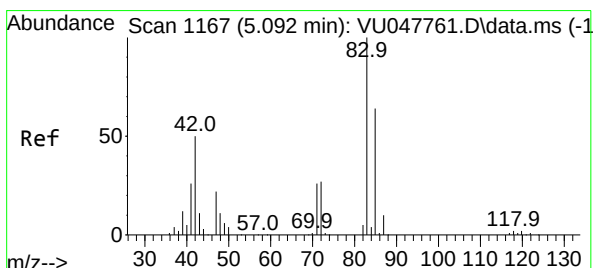
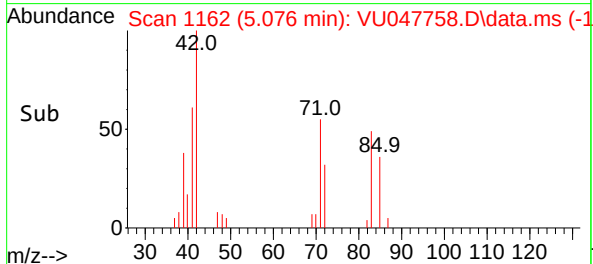
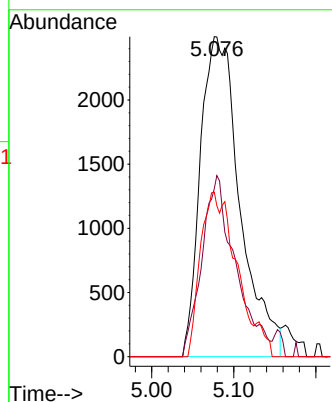
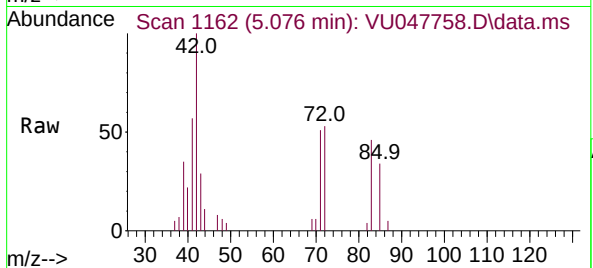
Acq: 30 Mar 2022 10:50

Instrument :

MSVOA\_U

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 8366  |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 72        | 48.1  | 42.6  | 63.8  |
| 71        | 24.5  | 40.3  | 60.5# |



#30

Chloroform

Concen: 0.898 ug/l

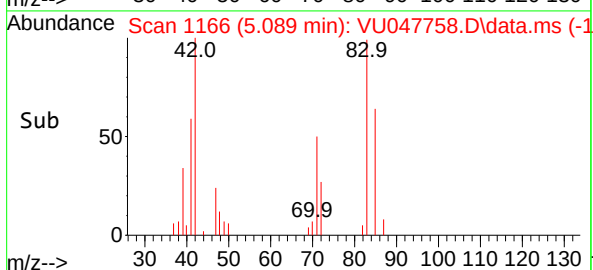
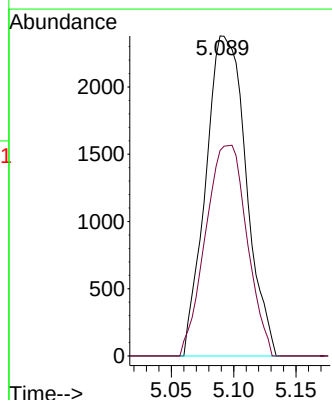
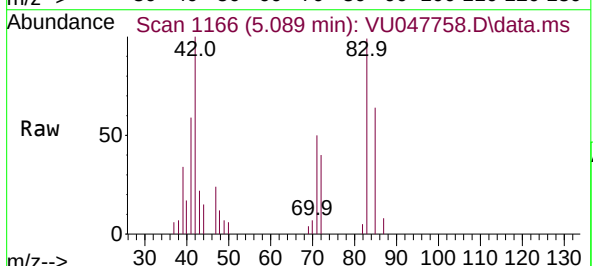
RT: 5.089 min Scan# 1166

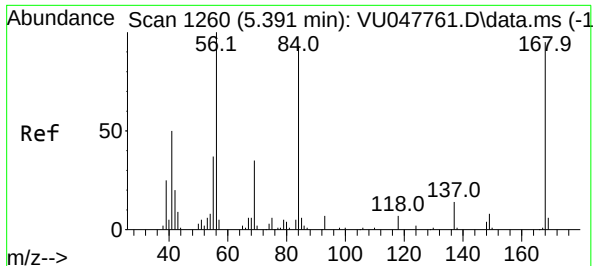
Delta R.T. -0.003 min

Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

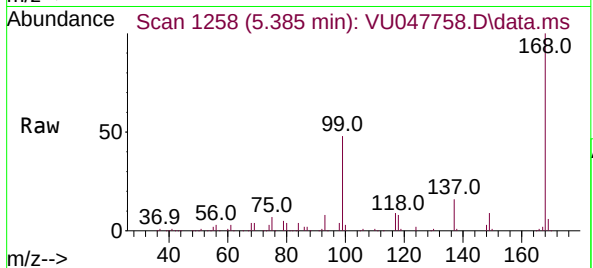
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 83    | Resp: | 5379 |
| Ion Ratio | Lower | Upper |      |
| 83        | 100   |       |      |
| 85        | 64.2  | 51.2  | 76.8 |



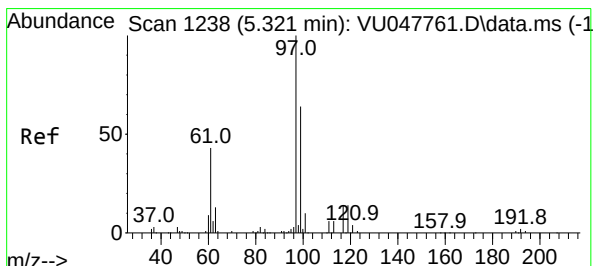
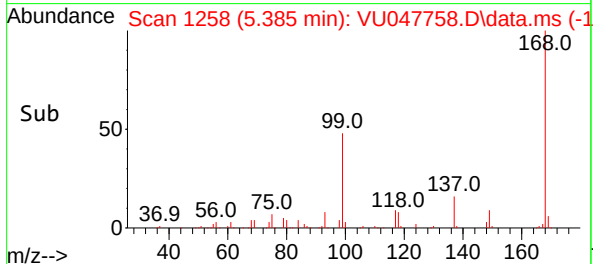
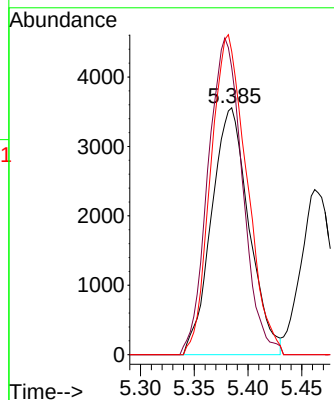


#31  
Cyclohexane  
Concen: 1.556 ug/l  
RT: 5.385 min Scan# 1258  
Delta R.T. -0.006 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

Instrument :  
MSVOA\_U  
ClientSampleId :

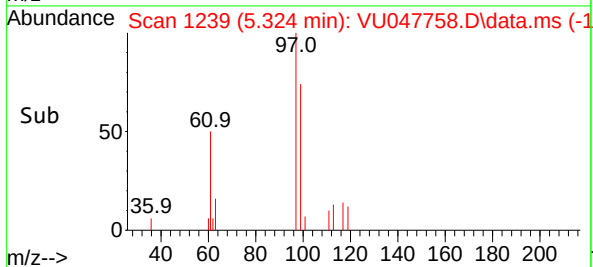
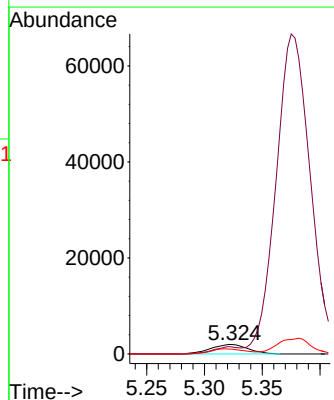
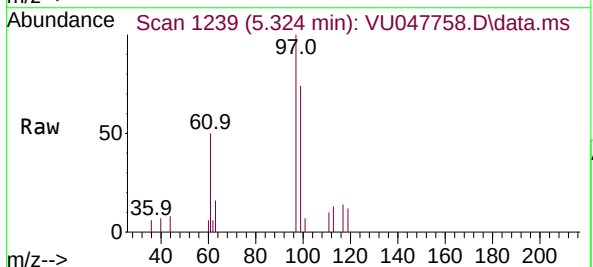


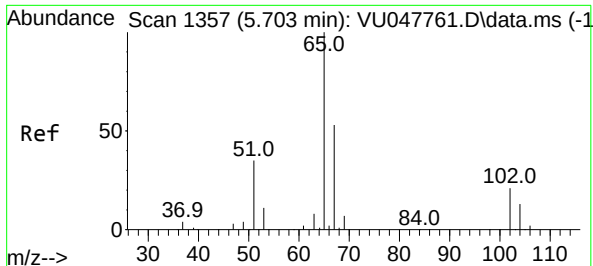
Tgt Ion: 56 Resp: 8626  
Ion Ratio Lower Upper  
56 100  
69 116.2 27.8 41.8#  
84 122.8 74.2 111.4#



#32  
1,1,1-Trichloroethane  
Concen: 0.874 ug/l  
RT: 5.324 min Scan# 1239  
Delta R.T. 0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

Tgt Ion: 97 Resp: 4439  
Ion Ratio Lower Upper  
97 100  
99 0.0 51.8 77.6#  
61 50.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 0.971 ug/l

RT: 5.710 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

Instrument :

MSVOA\_U

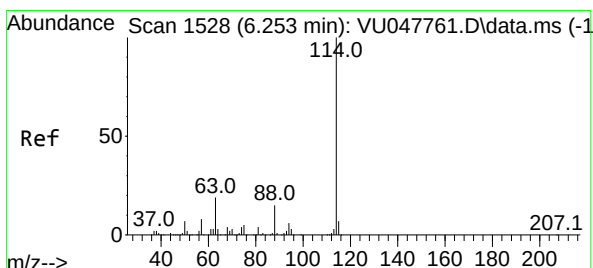
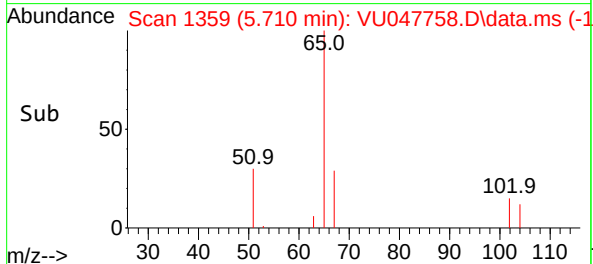
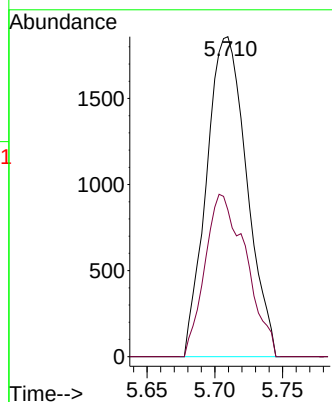
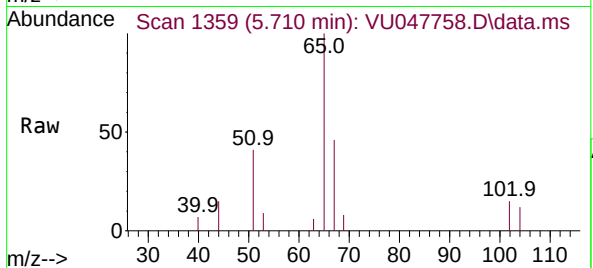
ClientSampleId :

Tgt Ion: 65 Resp: 3841

Ion Ratio Lower Upper

65 100

67 52.0 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

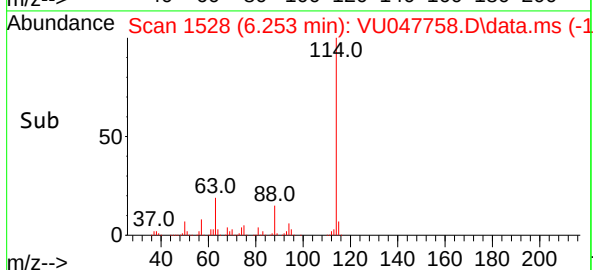
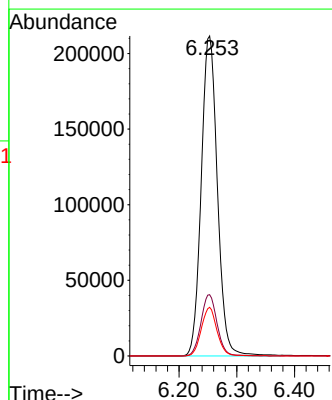
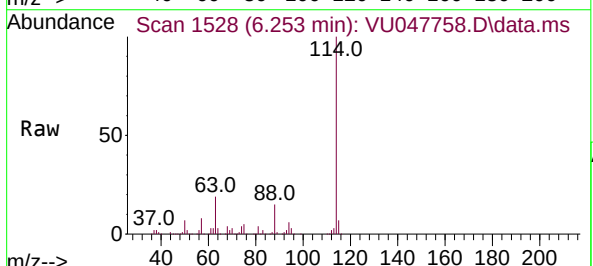
Tgt Ion: 114 Resp: 410956

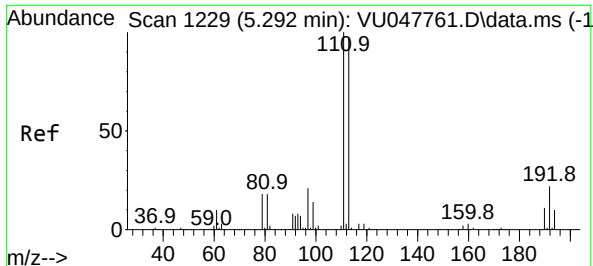
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.8

88 15.2 0.0 29.2





#35

Dibromofluoromethane

Concen: 1.215 ug/l

RT: 5.292 min Scan# 11

Delta R.T. -0.000 min

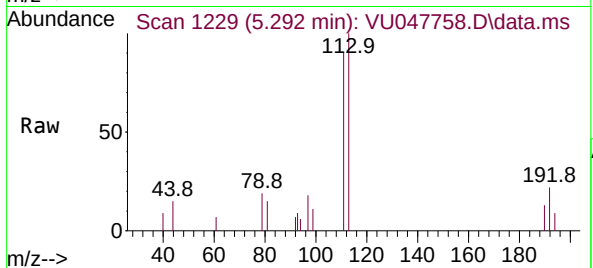
Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

Instrument :

MSVOA\_U

ClientSampleId :



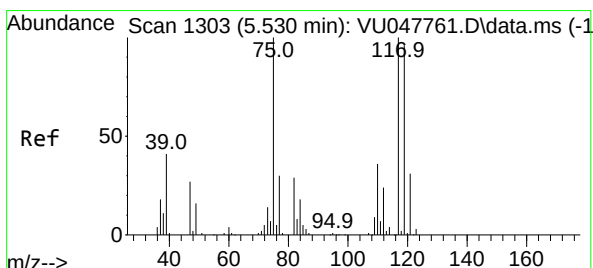
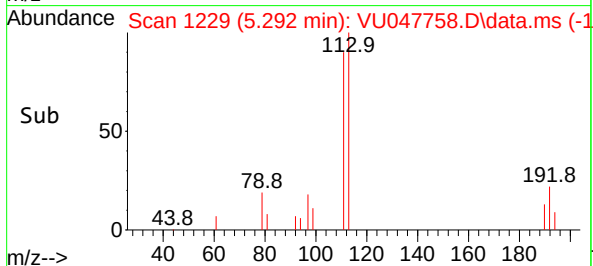
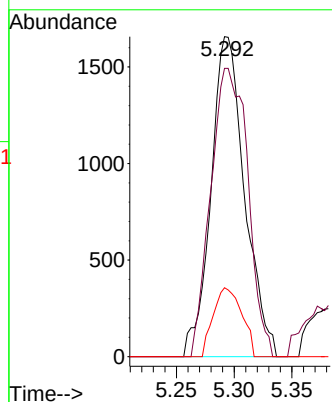
Tgt Ion:113 Resp: 3367

Ion Ratio Lower Upper

113 100

111 98.9 82.1 123.1

192 18.2 18.0 27.0



#36

1,1-Dichloropropene

Concen: 0.939 ug/l

RT: 5.533 min Scan# 1304

Delta R.T. 0.003 min

Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

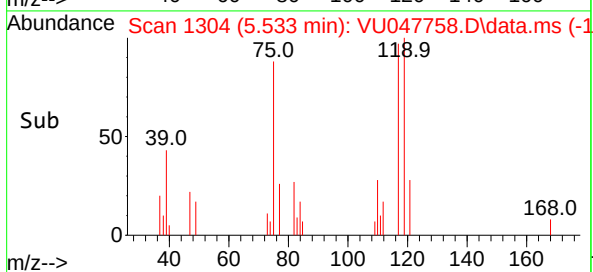
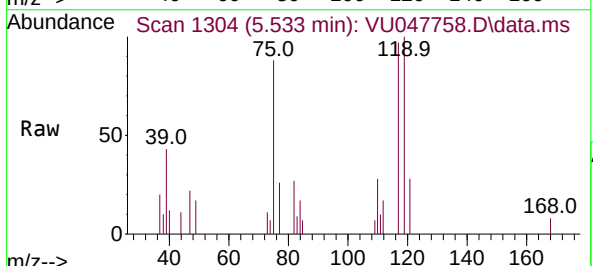
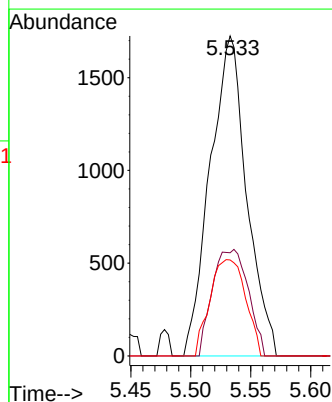
Tgt Ion: 75 Resp: 3657

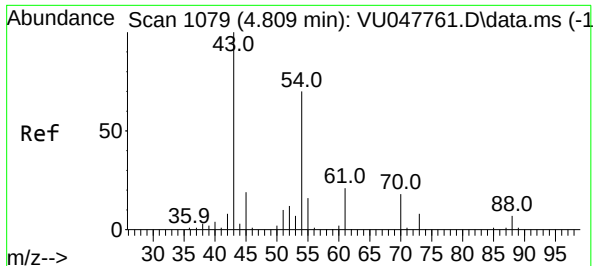
Ion Ratio Lower Upper

75 100

110 32.5 18.4 55.2

77 29.3 25.1 37.7

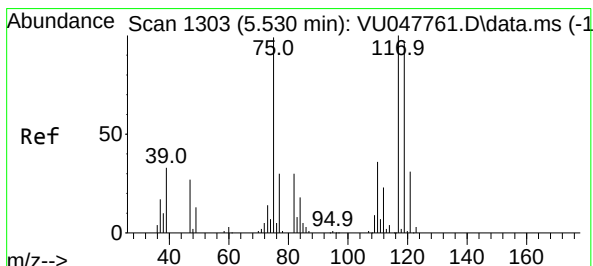
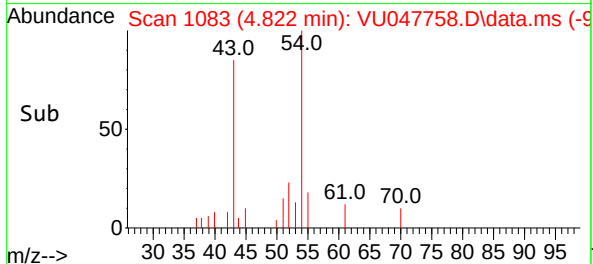
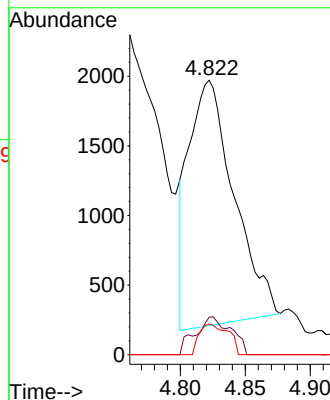
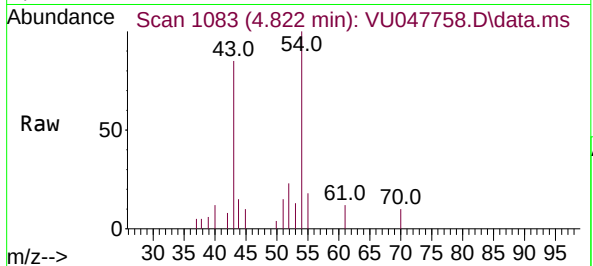




#37  
Ethyl Acetate  
Concen: 0.894 ug/l  
RT: 4.822 min Scan# 1079  
Delta R.T. 0.013 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

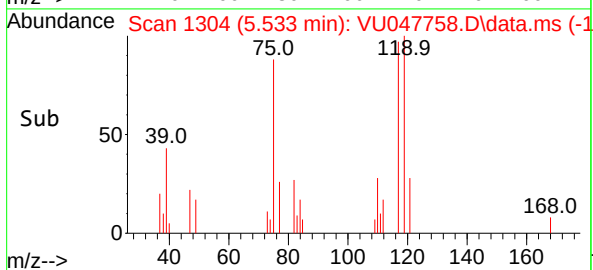
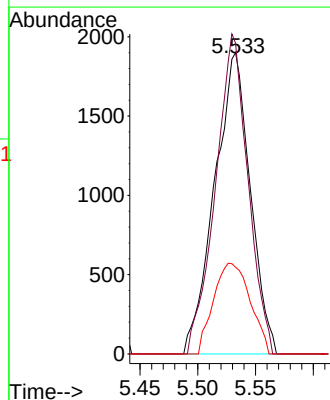
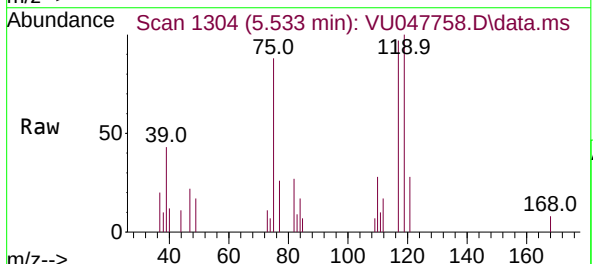
Instrument :  
MSVOA\_U  
ClientSampleId :

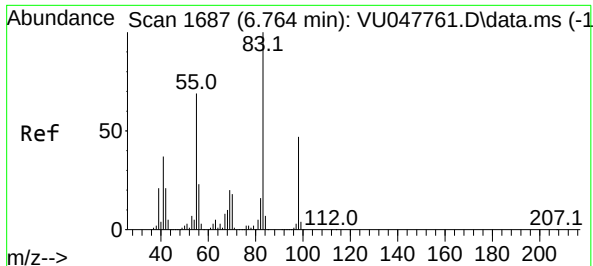
Tgt Ion: 43 Resp: 4256  
Ion Ratio Lower Upper  
43 100  
61 12.2 9.5 14.3  
70 8.0 7.5 11.3



#38  
Carbon Tetrachloride  
Concen: 1.022 ug/l  
RT: 5.533 min Scan# 1304  
Delta R.T. 0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

Tgt Ion: 117 Resp: 4073  
Ion Ratio Lower Upper  
117 100  
119 103.2 76.8 115.2  
121 28.8 24.7 37.1





#39

Methylcyclohexane

Concen: 0.954 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.000 min

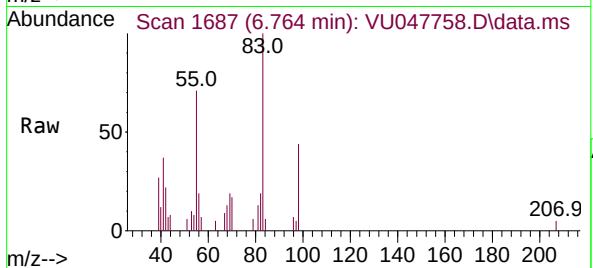
Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

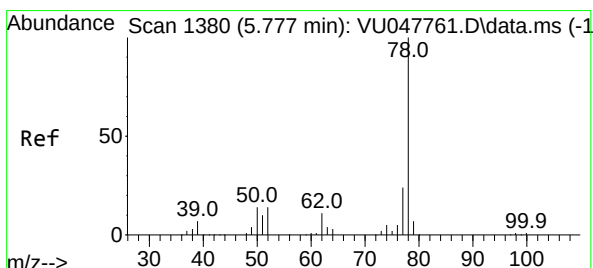
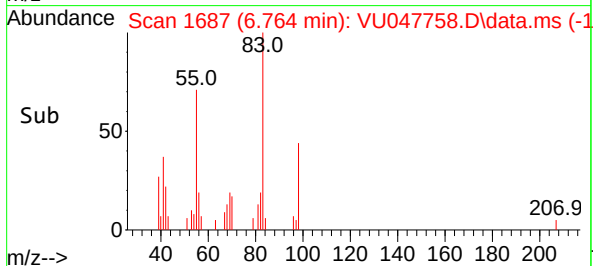
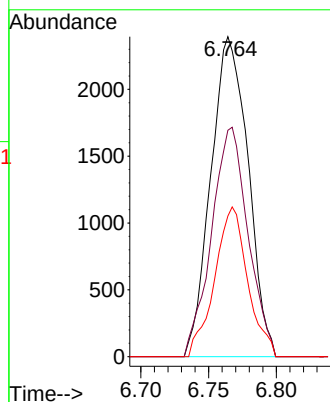
Instrument :

MSVOA\_U

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 4574  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 70.8  | 55.3  | 82.9  |
| 98       | 43.9  | 37.3  | 55.9  |



#40

Benzene

Concen: 1.018 ug/l

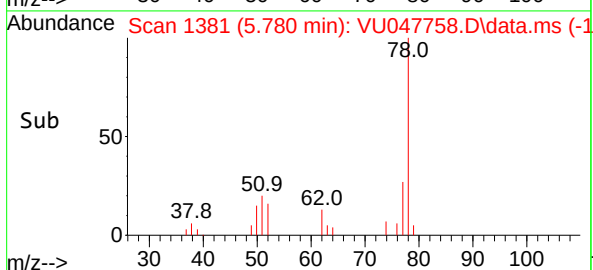
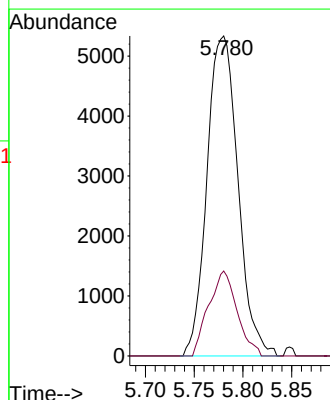
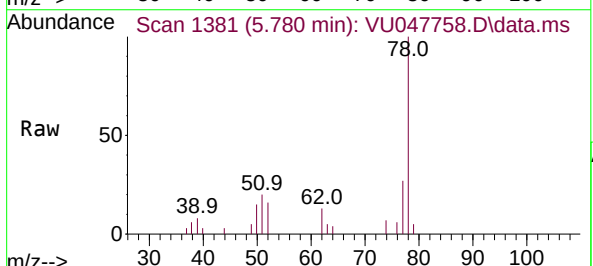
RT: 5.780 min Scan# 1381

Delta R.T. 0.003 min

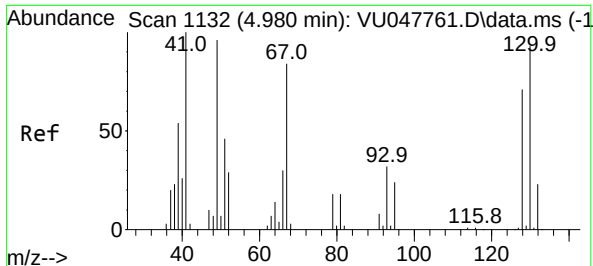
Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 78    | Resp: | 11802 |
| Ion      | Ratio | Lower | Upper |
| 78       | 100   |       |       |
| 77       | 26.5  | 18.8  | 28.2  |







#41

Methacrylonitrile

Concen: 0.806 ug/l

RT: 4.986 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

Instrument :

MSVOA\_U

ClientSampleId :

Tgt Ion: 41 Resp: 1913

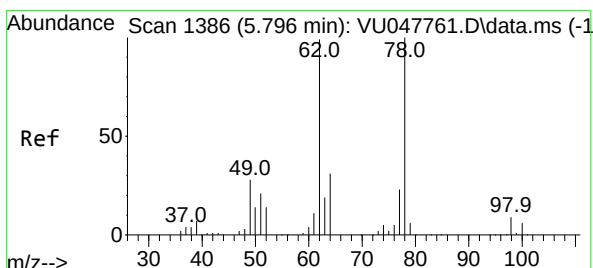
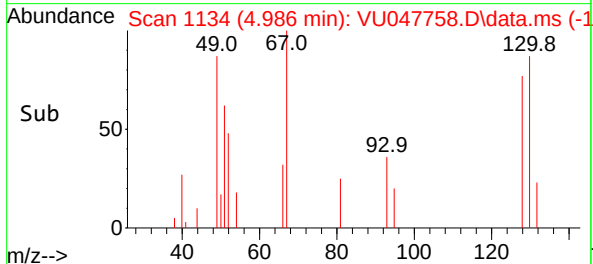
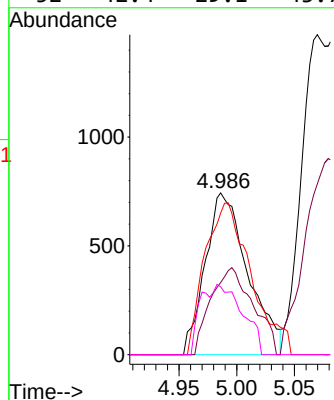
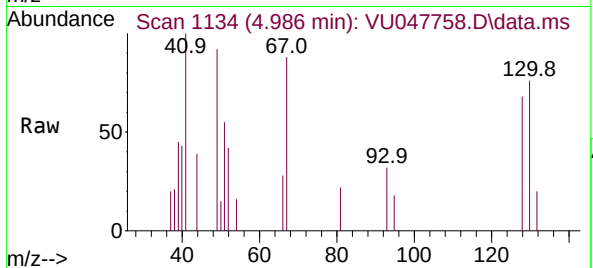
Ion Ratio Lower Upper

41 100

39 53.3 43.1 64.7

67 101.6 72.3 108.5

52 42.4 29.1 43.7



#42

1,2-Dichloroethane

Concen: 1.000 ug/l

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU047758.D

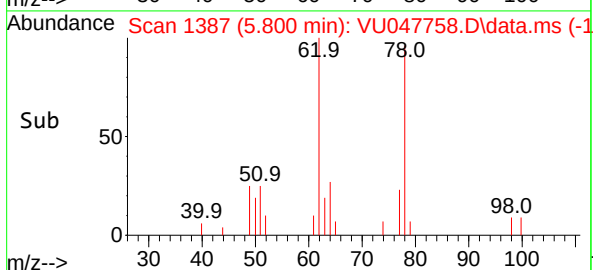
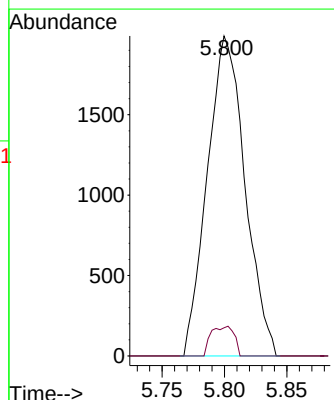
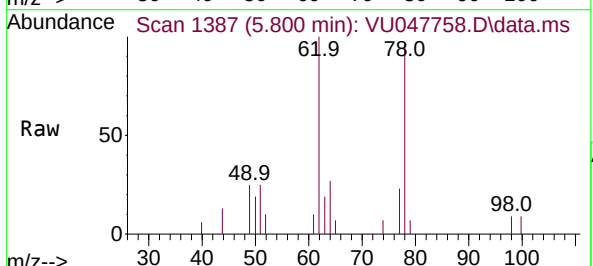
Acq: 30 Mar 2022 10:50

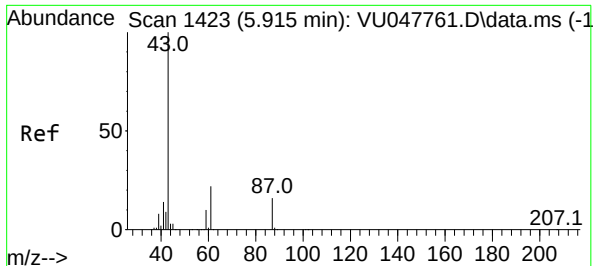
Tgt Ion: 62 Resp: 4181

Ion Ratio Lower Upper

62 100

98 5.7 0.0 18.6





#43

Isopropyl Acetate

Concen: 0.980 ug/l

RT: 5.922 min Scan# 1425

Delta R.T. 0.006 min

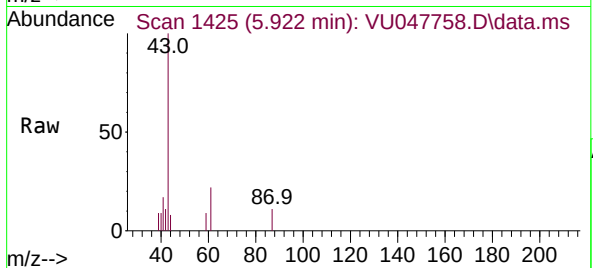
Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

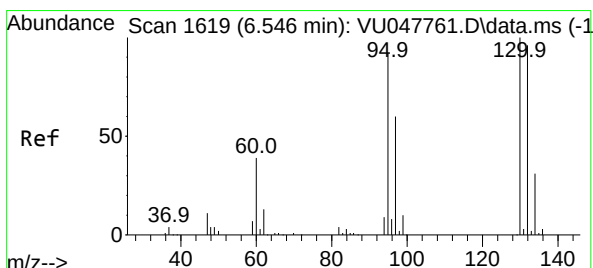
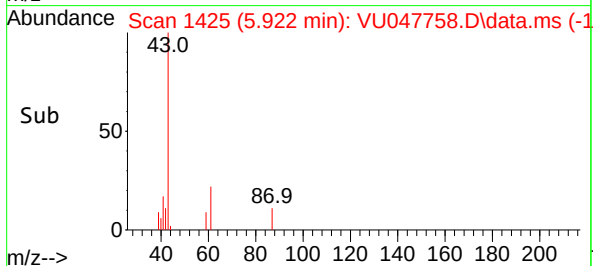
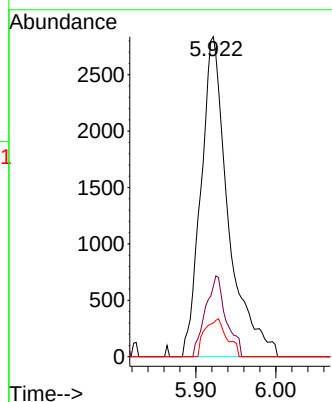
Instrument :

MSVOA\_U

ClientSampleId :



|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 6726     |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 19.1 17.4 26.0 |
| 87          | 9.6 12.6 18.8# |



#44

Trichloroethene

Concen: 1.163 ug/l

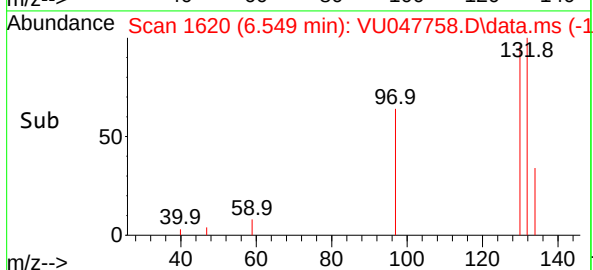
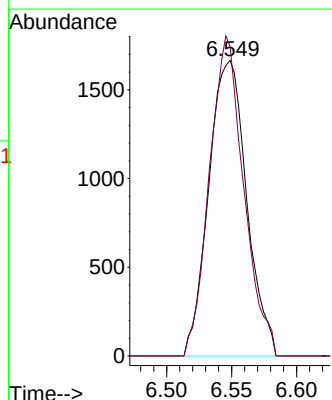
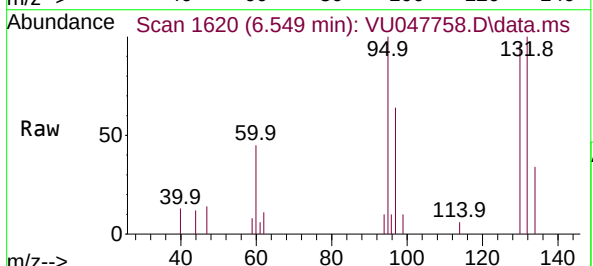
RT: 6.549 min Scan# 1620

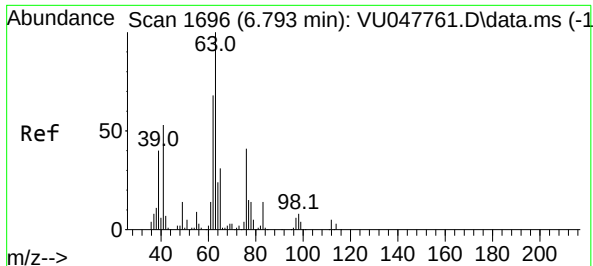
Delta R.T. 0.003 min

Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

|              |                 |
|--------------|-----------------|
| Tgt Ion: 130 | Resp: 3376      |
| Ion Ratio    | Lower Upper     |
| 130          | 100             |
| 95           | 104.6 0.0 184.6 |





#45

1,2-Dichloropropane

Concen: 0.870 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

Instrument :

MSVOA\_U

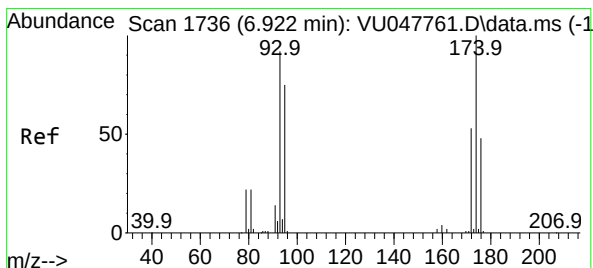
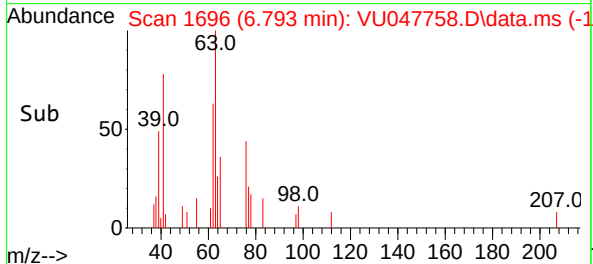
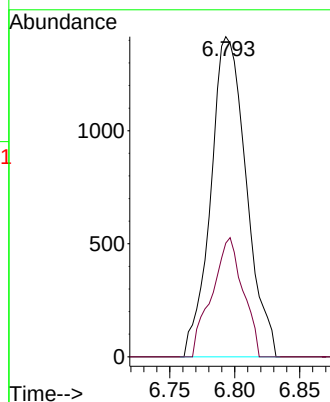
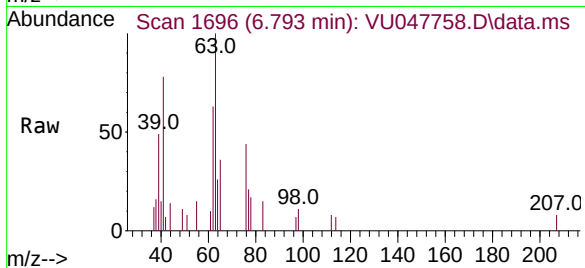
ClientSampleId :

Tgt Ion: 63 Resp: 2688

Ion Ratio Lower Upper

63 100

65 35.5 25.0 37.4



#46

Dibromomethane

Concen: 1.015 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

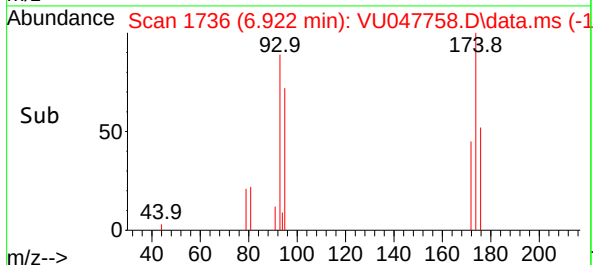
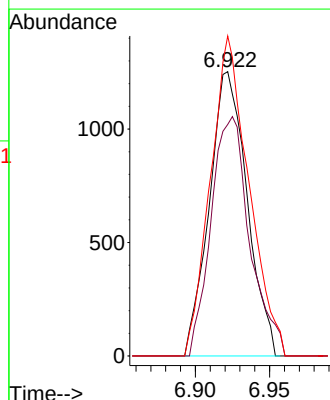
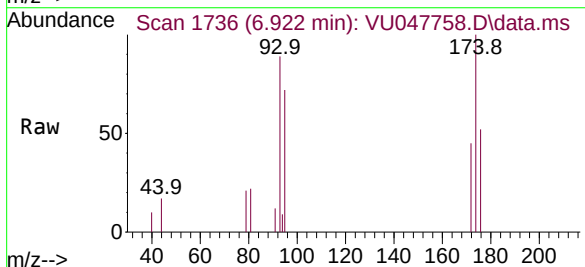
Tgt Ion: 93 Resp: 2214

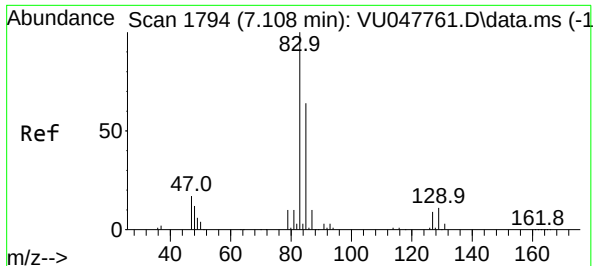
Ion Ratio Lower Upper

93 100

95 86.1 66.3 99.5

174 114.5 88.2 132.4

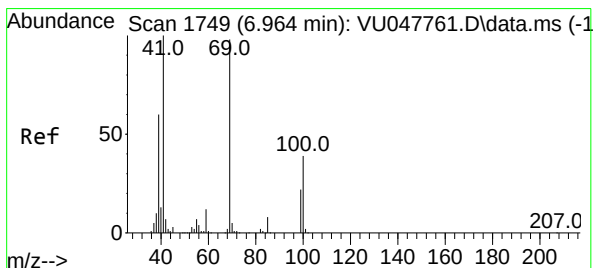
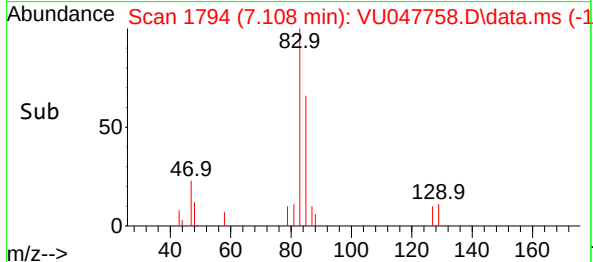
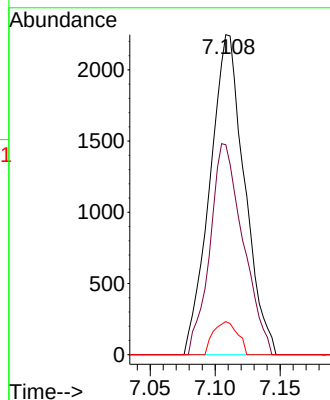
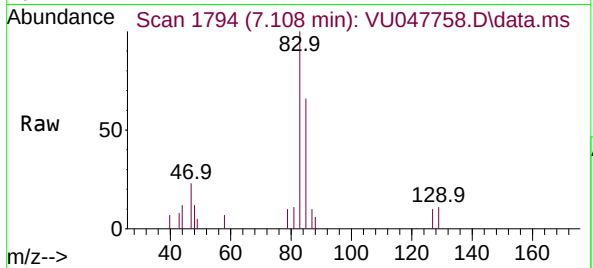




#47  
Bromodichloromethane  
Concen: 1.013 ug/l  
RT: 7.108 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

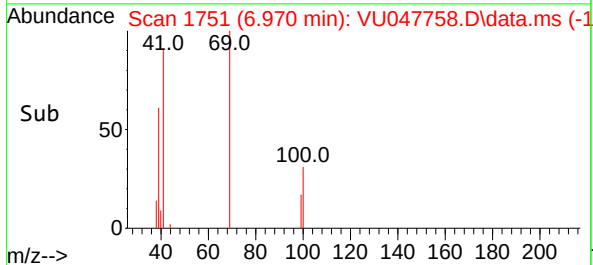
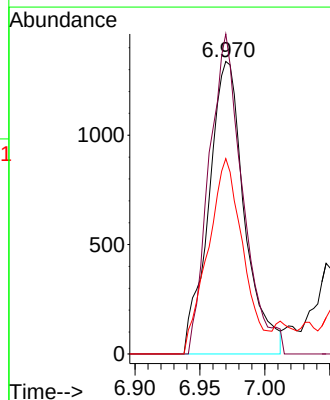
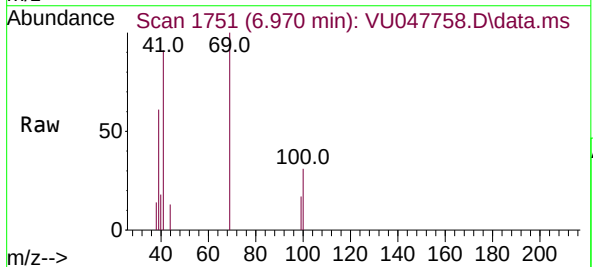
Instrument :  
MSVOA\_U  
ClientSampleId :

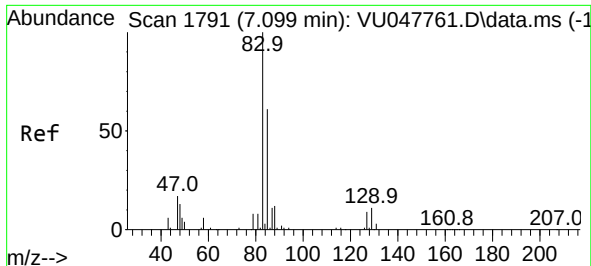
Tgt Ion: 83 Resp: 4164  
Ion Ratio Lower Upper  
83 100  
85 65.6 51.4 77.2  
127 10.4 7.1 10.7



#48  
Methyl methacrylate  
Concen: 0.803 ug/l  
RT: 6.970 min Scan# 1751  
Delta R.T. 0.006 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

Tgt Ion: 41 Resp: 2559  
Ion Ratio Lower Upper  
41 100  
69 103.0 79.8 119.6  
39 66.3 47.9 71.9





#49

1,4-Dioxane

Concen: 8.083 ug/l

RT: 7.050 min Scan# 1

Delta R.T. -0.048 min

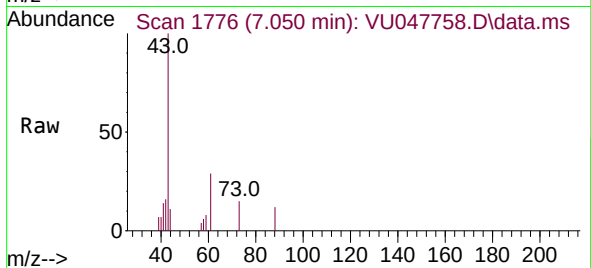
Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

Instrument :

MSVOA\_U

ClientSampleId :



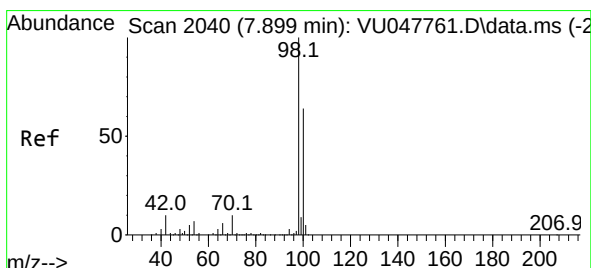
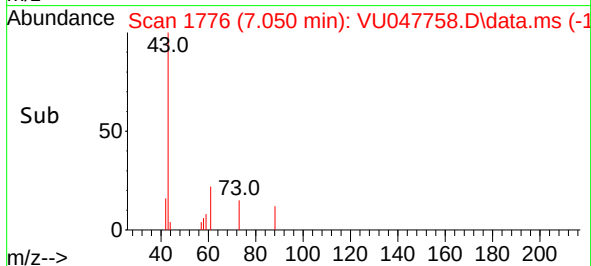
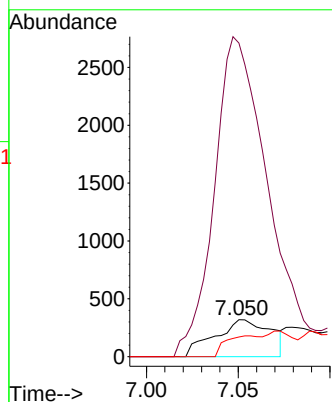
Tgt Ion: 88 Resp: 678

Ion Ratio Lower Upper

88 100

43 836.4 0.0 0.0#

58 36.9 15.4 23.0#



#50

Toluene-d8

Concen: 0.972 ug/l

RT: 7.902 min Scan# 2041

Delta R.T. 0.003 min

Lab File: VU047758.D

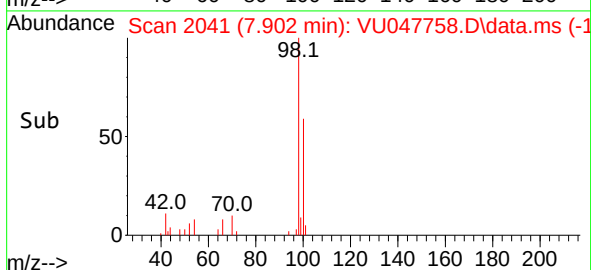
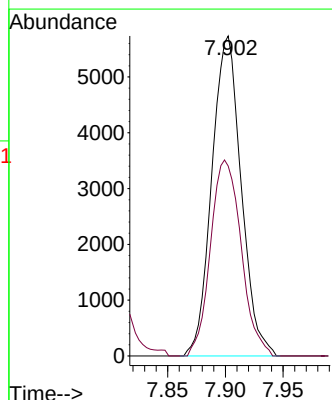
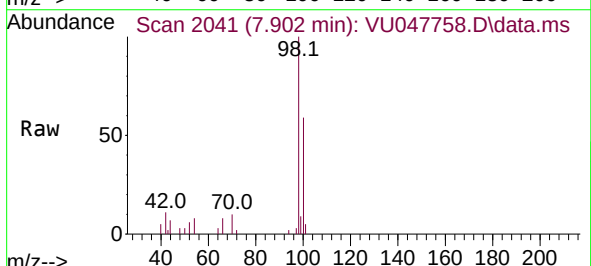
Acq: 30 Mar 2022 10:50

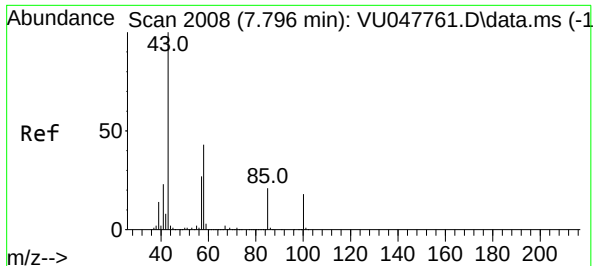
Tgt Ion: 98 Resp: 10146

Ion Ratio Lower Upper

98 100

100 63.9 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 4.524 ug/l

RT: 7.800 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

Instrument :

MSVOA\_U

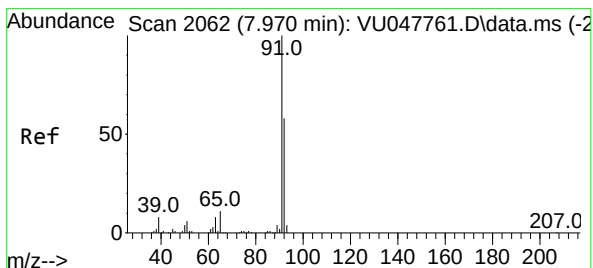
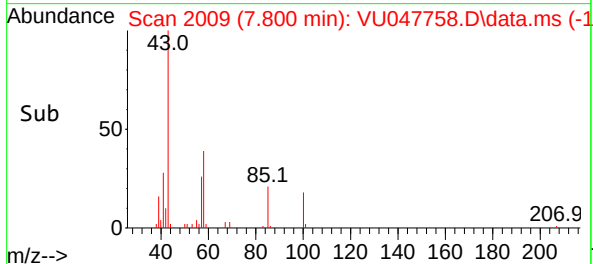
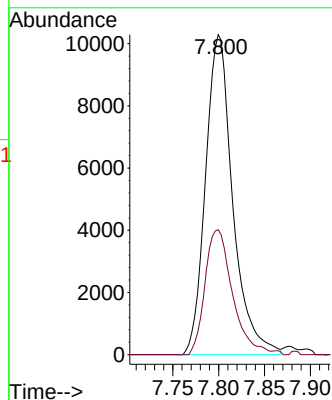
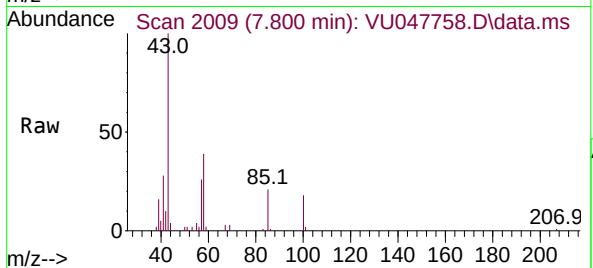
ClientSampleId :

Tgt Ion: 43 Resp: 21237

Ion Ratio Lower Upper

43 100

58 39.3 34.7 52.1



#52

Toluene

Concen: 0.894 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU047758.D

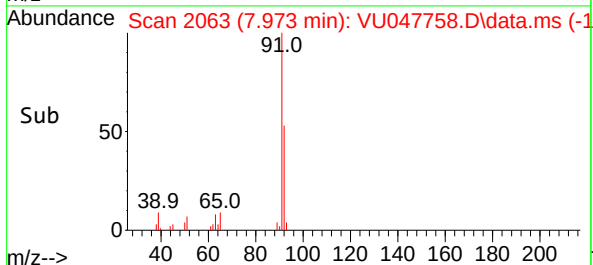
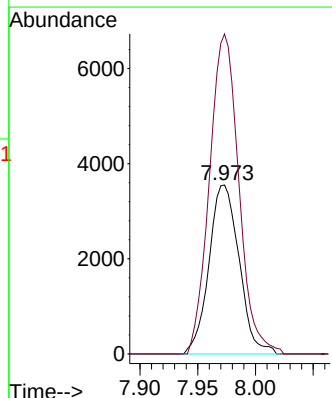
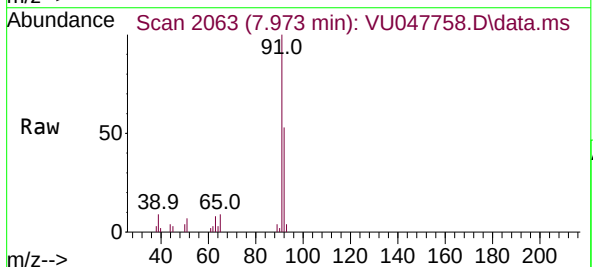
Acq: 30 Mar 2022 10:50

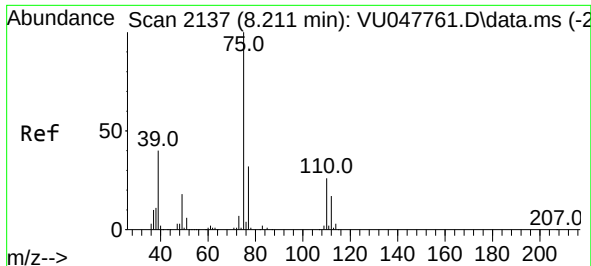
Tgt Ion: 92 Resp: 6442

Ion Ratio Lower Upper

92 100

91 184.6 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 0.850 ug/l

RT: 8.214 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

Instrument :

MSVOA\_U

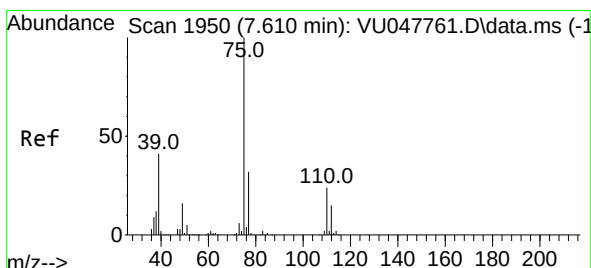
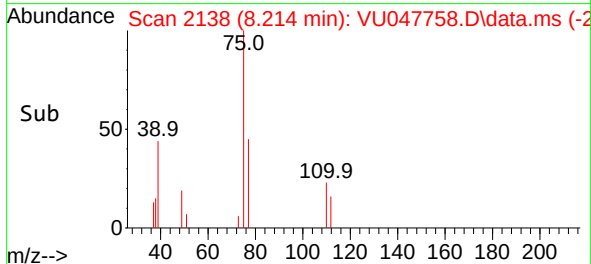
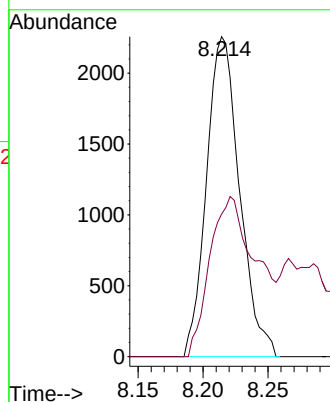
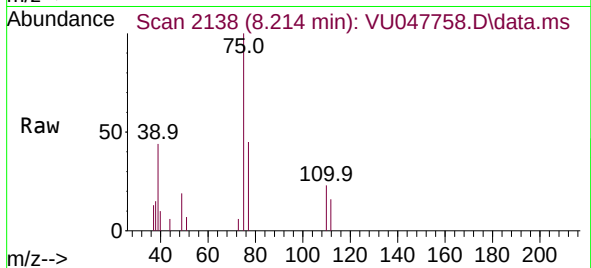
ClientSampleId :

Tgt Ion: 75 Resp: 3994

Ion Ratio Lower Upper

75 100

77 44.6 25.4 38.0#



#54

cis-1,3-Dichloropropene

Concen: 0.824 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

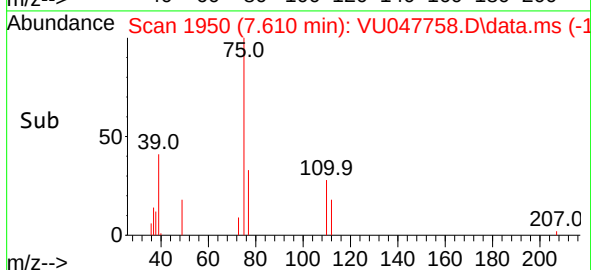
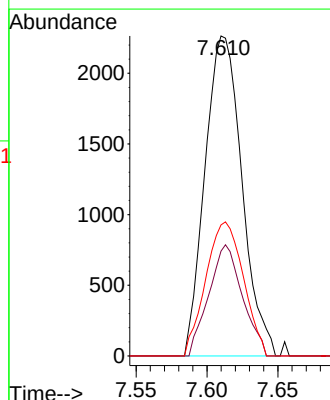
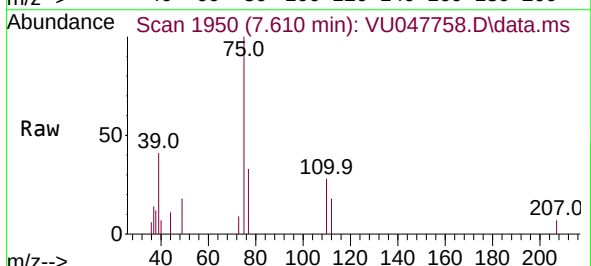
Tgt Ion: 75 Resp: 4101

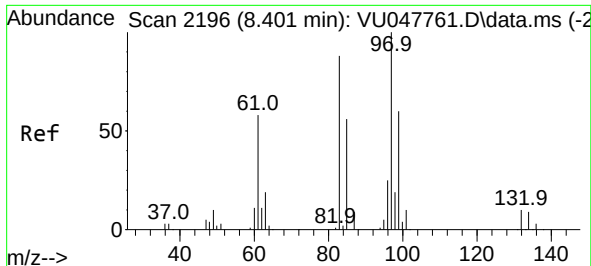
Ion Ratio Lower Upper

75 100

77 32.7 25.7 38.5

39 40.9 33.0 49.6

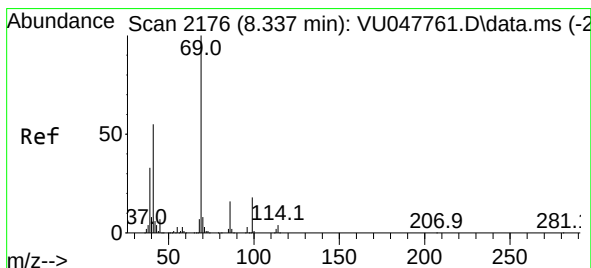
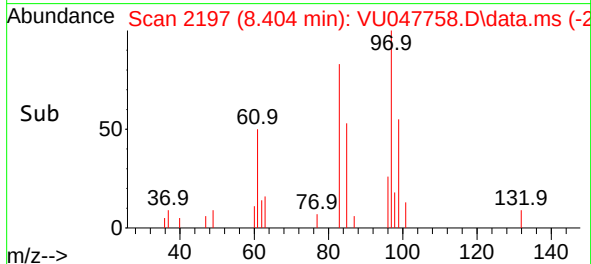
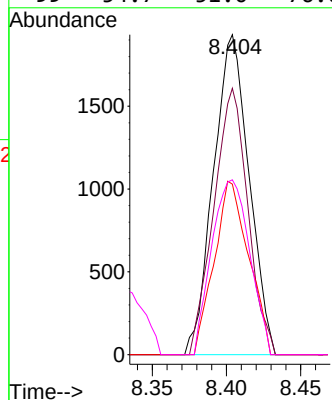
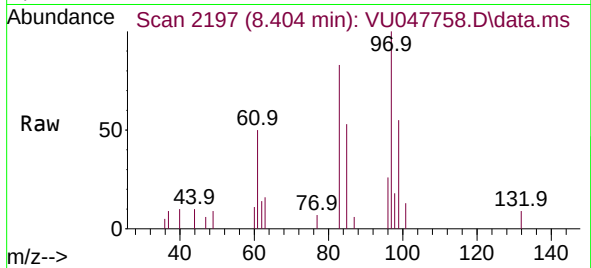




#55  
1,1,2-Trichloroethane  
Concen: 1.064 ug/l  
RT: 8.404 min Scan# 2196  
Delta R.T. 0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

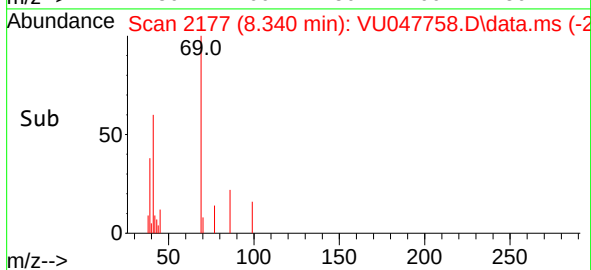
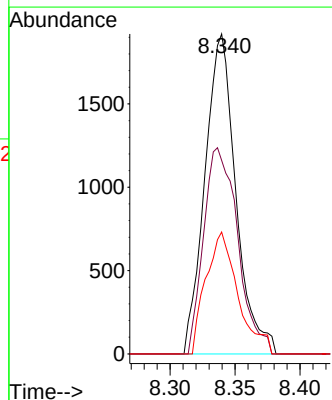
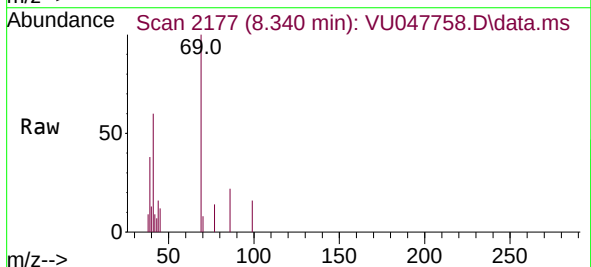
Instrument :  
MSVOA\_U  
ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 3222  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 83.2     | 70.2 105.4  |
| 85 53.3     | 44.6 66.8   |
| 99 54.7     | 51.0 76.6   |

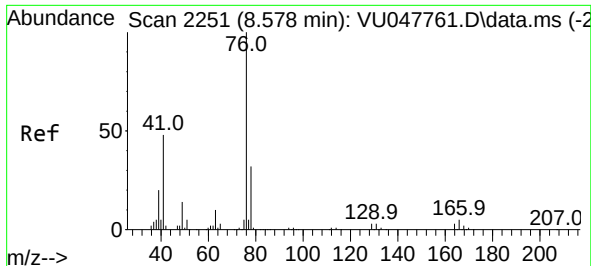


#56  
Ethyl methacrylate  
Concen: 0.670 ug/l  
RT: 8.340 min Scan# 2177  
Delta R.T. 0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 3180  |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 71.1     | 45.4 68.0#  |
| 39 39.6     | 25.7 38.5#  |







#57

1,3-Dichloropropane

Concen: 0.876 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

Instrument :

MSVOA\_U

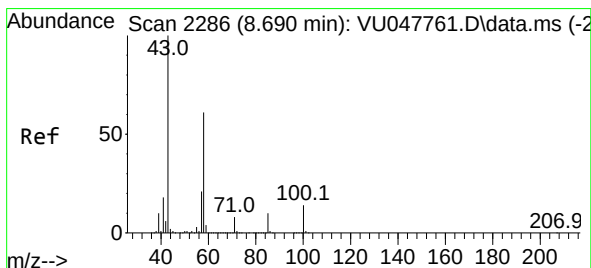
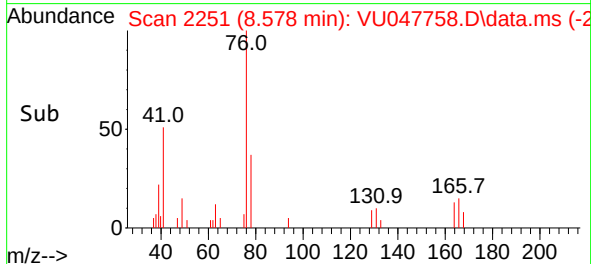
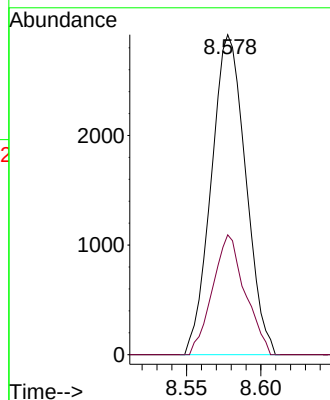
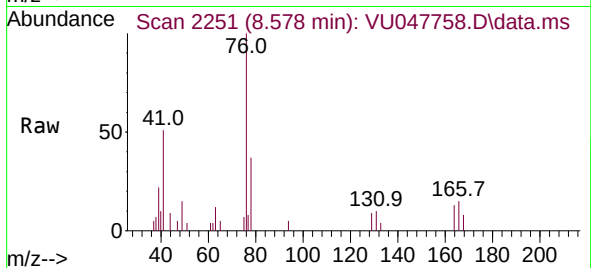
ClientSampleId :

Tgt Ion: 76 Resp: 4696

Ion Ratio Lower Upper

76 100

78 35.4 26.1 39.1



#59

2-Hexanone

Concen: 4.617 ug/l

RT: 8.693 min Scan# 2287

Delta R.T. 0.003 min

Lab File: VU047758.D

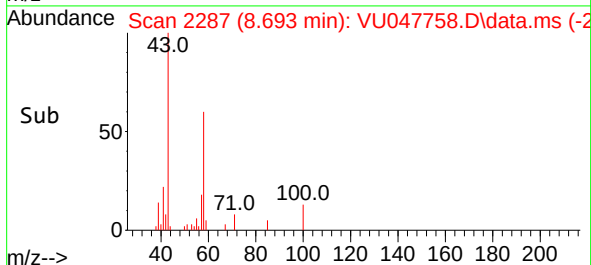
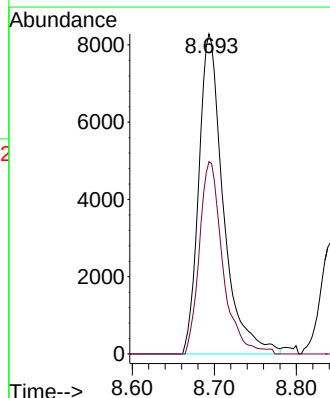
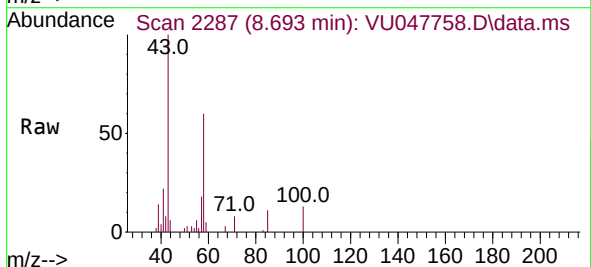
Acq: 30 Mar 2022 10:50

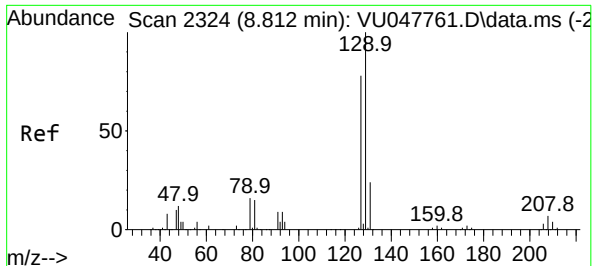
Tgt Ion: 43 Resp: 17195

Ion Ratio Lower Upper

43 100

58 57.4 30.3 90.8

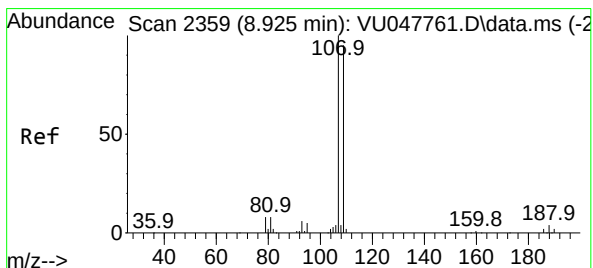
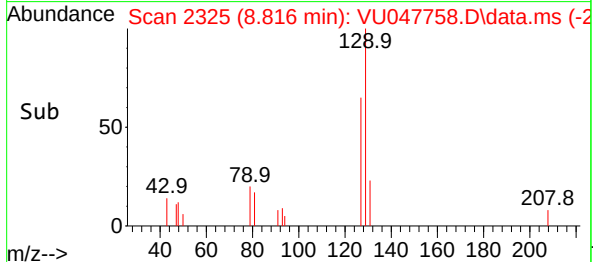
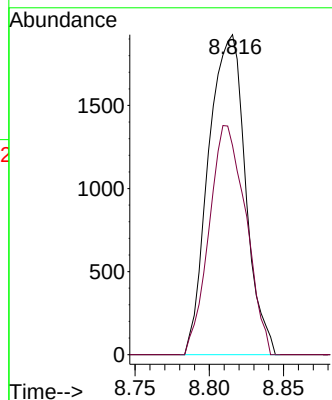
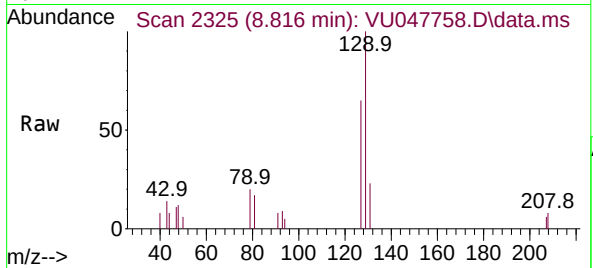




#60  
Dibromochloromethane  
Concen: 1.041 ug/l  
RT: 8.816 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

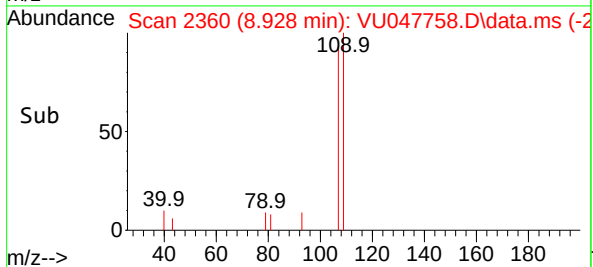
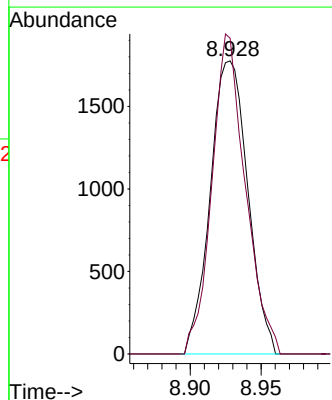
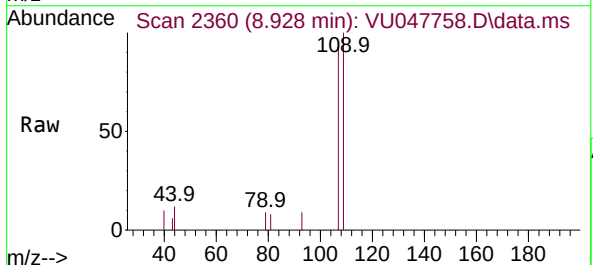
Instrument :  
MSVOA\_U  
ClientSampleId :

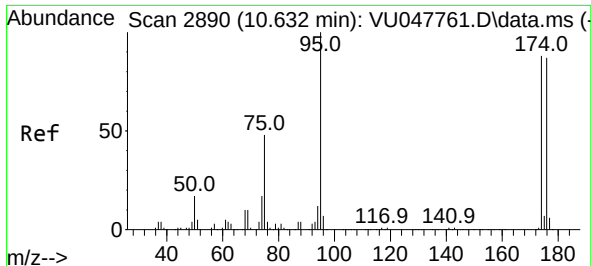
Tgt Ion:129 Resp: 3331  
Ion Ratio Lower Upper  
129 100  
127 71.1 38.6 116.0



#61  
1,2-Dibromoethane  
Concen: 1.002 ug/l  
RT: 8.928 min Scan# 2360  
Delta R.T. 0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

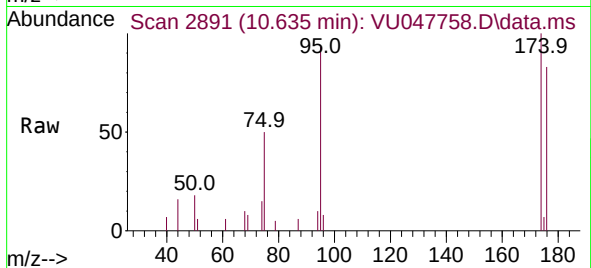
Tgt Ion:107 Resp: 3272  
Ion Ratio Lower Upper  
107 100  
109 97.2 75.1 112.7



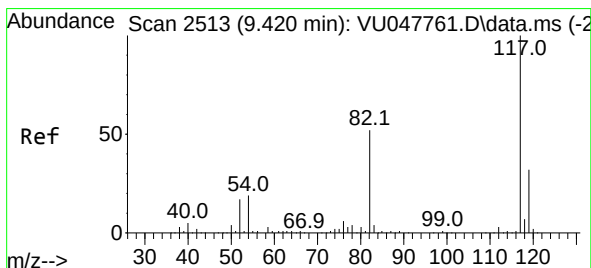
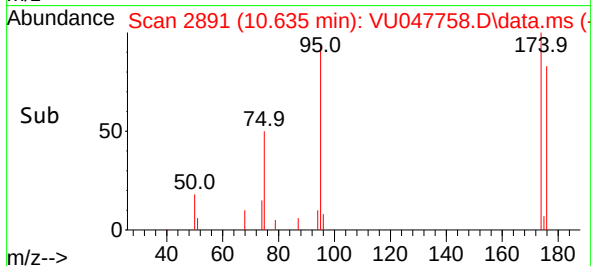
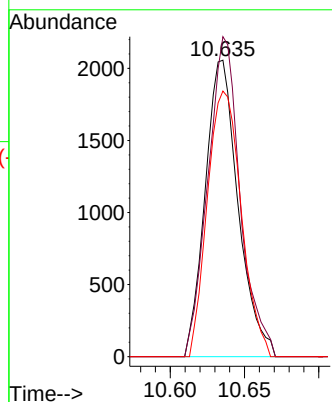


#62  
4-Bromofluorobenzene  
Concen: 0.763 ug/l  
RT: 10.635 min Scan# 2891  
Delta R.T. 0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

Instrument :  
MSVOA\_U  
ClientSampleId :

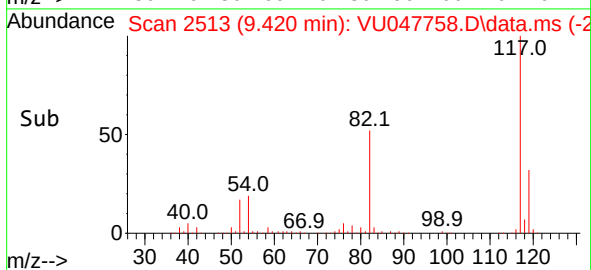
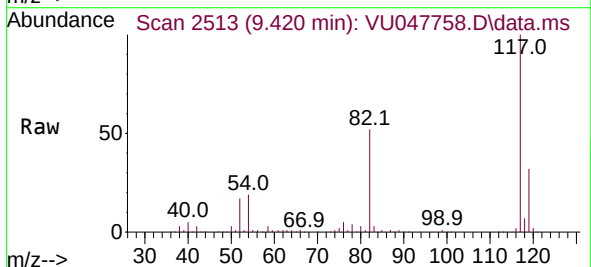
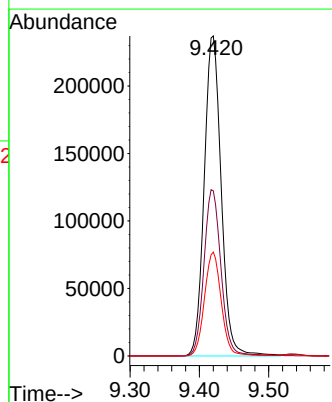


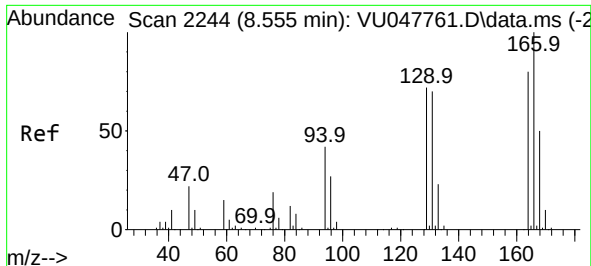
Tgt Ion: 95 Resp: 3178  
Ion Ratio Lower Upper  
95 100  
174 105.8 0.0 182.0  
176 92.0 0.0 177.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.420 min Scan# 2513  
Delta R.T. -0.000 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

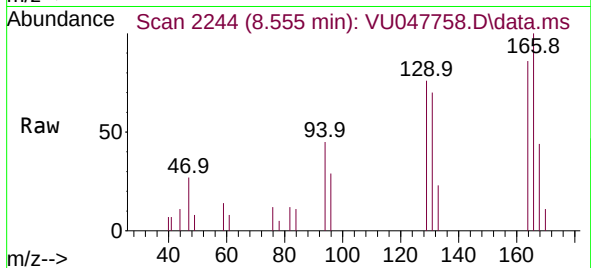
Tgt Ion: 117 Resp: 403958  
Ion Ratio Lower Upper  
117 100  
82 51.6 41.7 62.5  
119 32.4 25.7 38.5



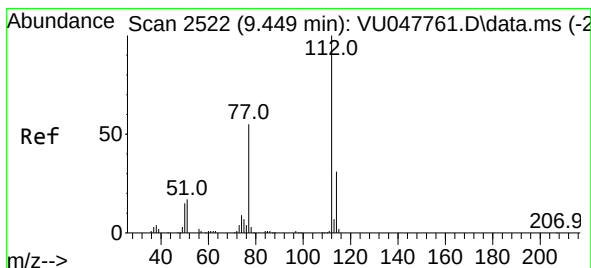
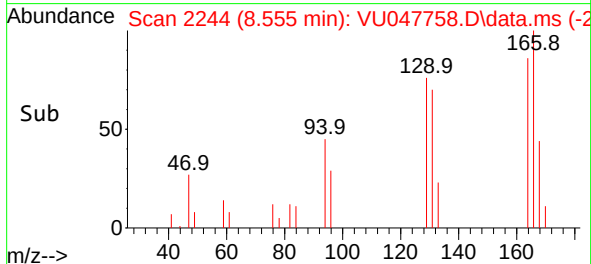
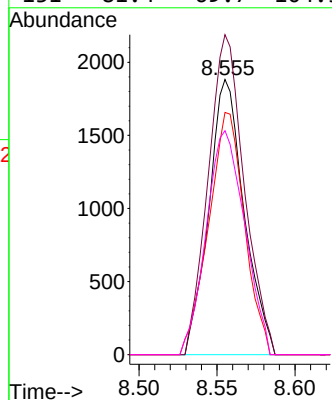


#64  
Tetrachloroethene  
Concen: 1.258 ug/l  
RT: 8.555 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

Instrument :  
MSVOA\_U  
ClientSampleId :

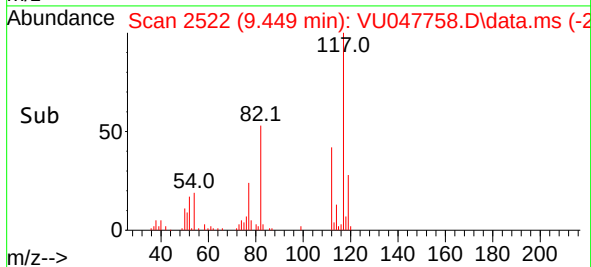
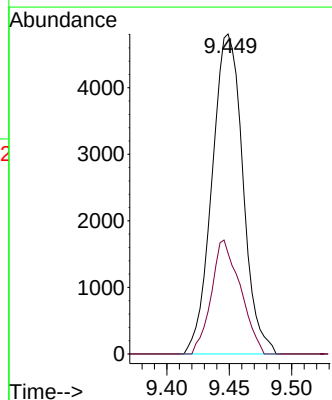
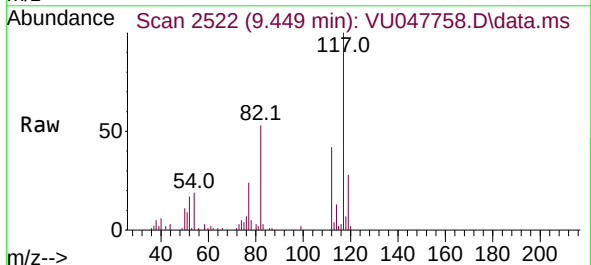


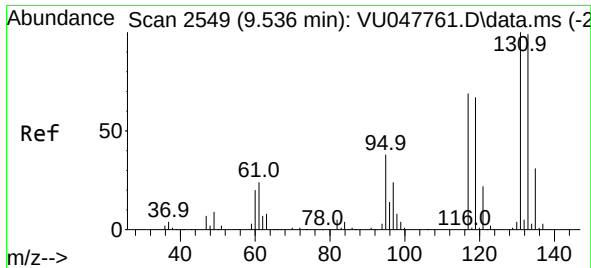
Tgt Ion:164 Resp: 2963  
Ion Ratio Lower Upper  
164 100  
166 116.3 100.0 150.0  
129 88.0 72.0 108.0  
131 81.4 69.7 104.5



#65  
Chlorobenzene  
Concen: 1.044 ug/l  
RT: 9.449 min Scan# 2522  
Delta R.T. -0.000 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

Tgt Ion:112 Resp: 8281  
Ion Ratio Lower Upper  
112 100  
114 31.5 24.9 37.3

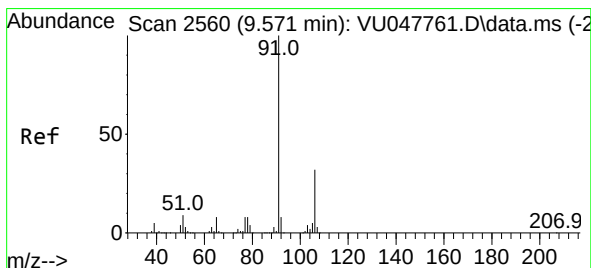
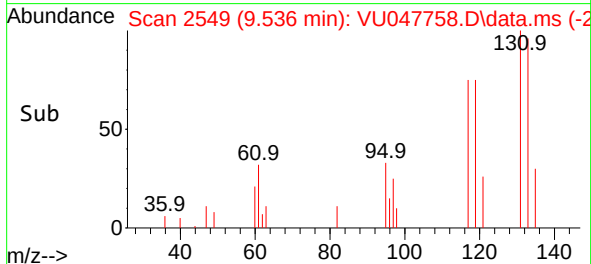
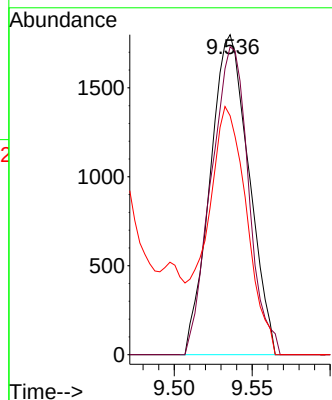
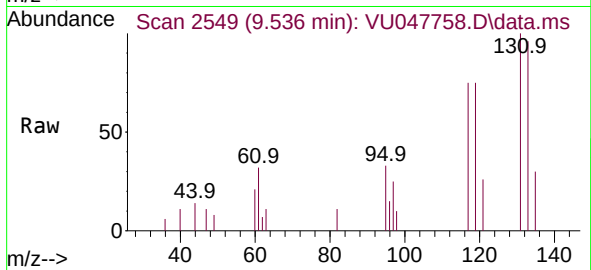




#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 1.094 ug/l  
 RT: 9.536 min Scan# 2549  
 Delta R.T. -0.000 min  
 Lab File: VU047758.D  
 Acq: 30 Mar 2022 10:50

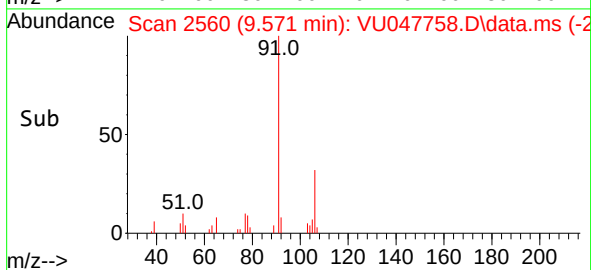
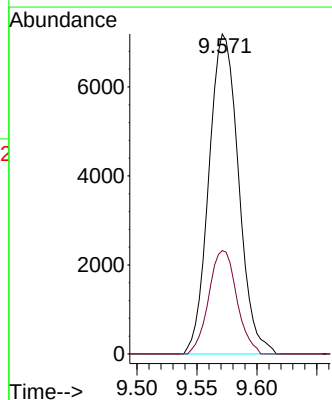
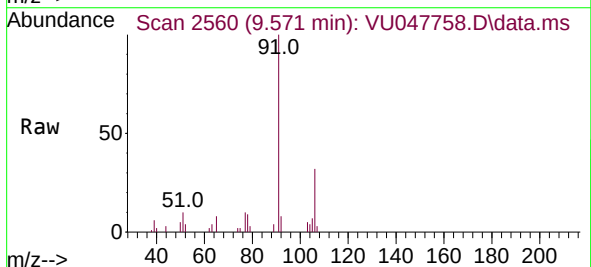
Instrument :  
 MSVOA\_U  
 ClientSampleId :

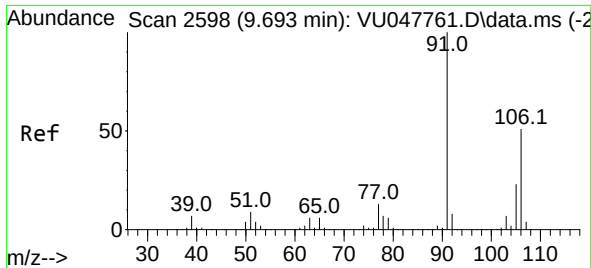
Tgt Ion:131 Resp: 3106  
 Ion Ratio Lower Upper  
 131 100  
 133 92.7 48.4 145.0  
 119 0.0 33.9 101.6#



#67  
 Ethyl Benzene  
 Concen: 0.888 ug/l  
 RT: 9.571 min Scan# 2560  
 Delta R.T. -0.000 min  
 Lab File: VU047758.D  
 Acq: 30 Mar 2022 10:50

Tgt Ion: 91 Resp: 12362  
 Ion Ratio Lower Upper  
 91 100  
 106 32.3 25.6 38.4

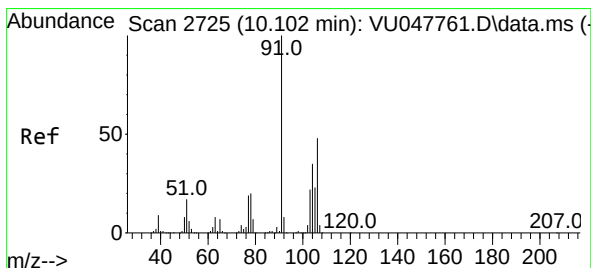
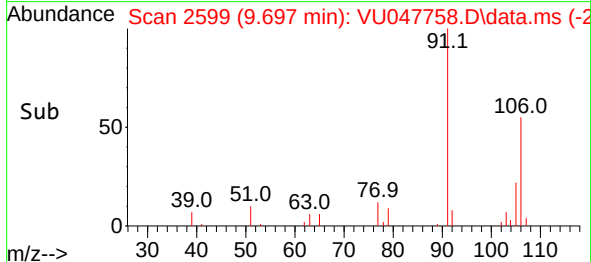
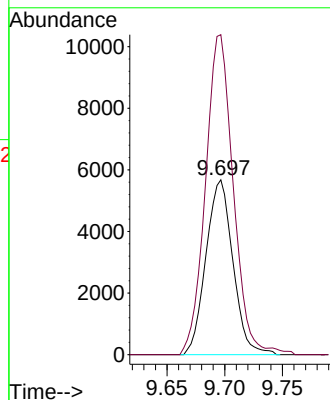
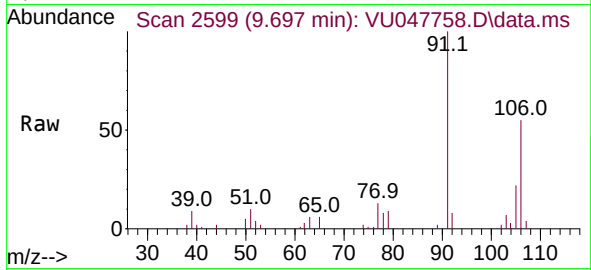




#68  
m/p-Xylenes  
Concen: 1.737 ug/l  
RT: 9.697 min Scan# 2599  
Delta R.T. 0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

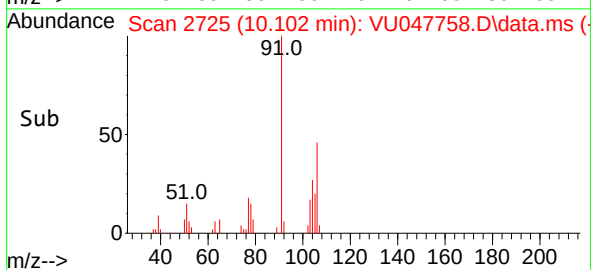
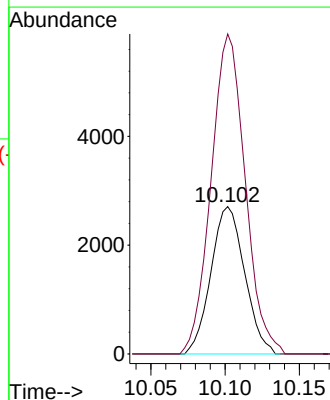
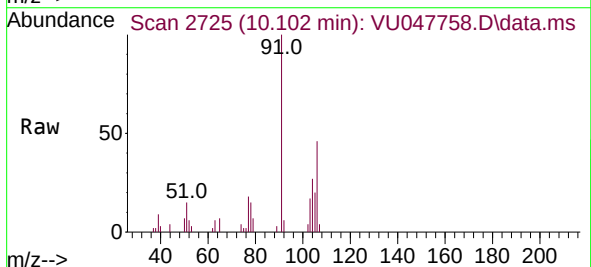
Instrument :  
MSVOA\_U  
ClientSampleId :

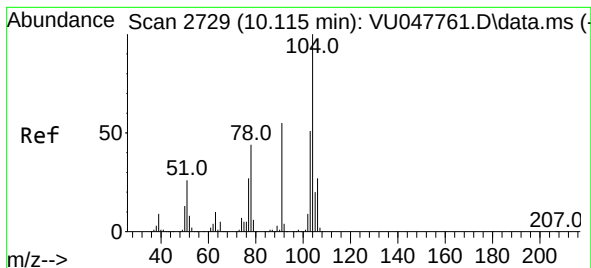
Tgt Ion:106 Resp: 9229  
Ion Ratio Lower Upper  
106 100  
91 189.0 157.2 235.8



#69  
o-Xylene  
Concen: 0.826 ug/l  
RT: 10.102 min Scan# 2725  
Delta R.T. -0.000 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

Tgt Ion:106 Resp: 4277  
Ion Ratio Lower Upper  
106 100  
91 219.3 103.5 310.5





#70

Styrene

Concen: 0.765 ug/l

RT: 10.118 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

Instrument :

MSVOA\_U

ClientSampleId :

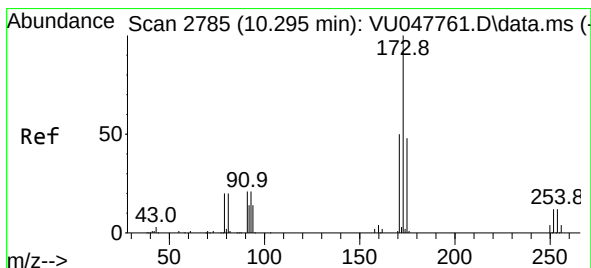
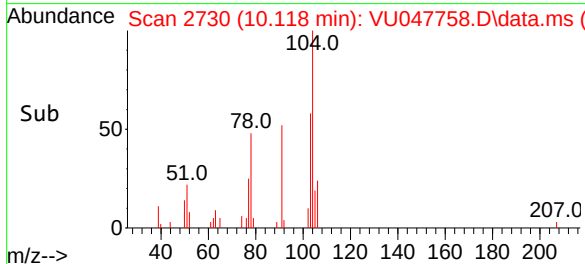
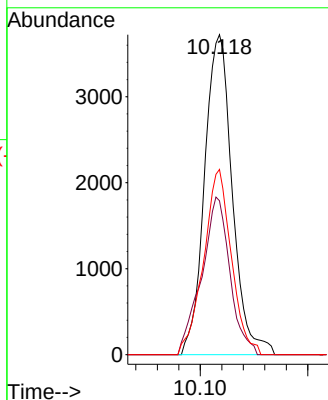
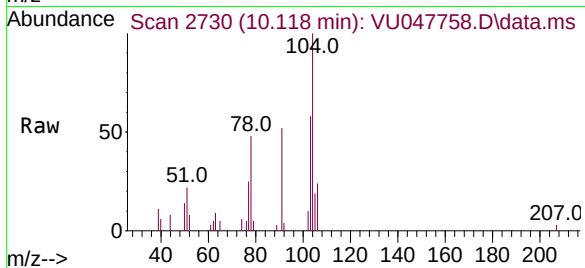
Tgt Ion:104 Resp: 6679

Ion Ratio Lower Upper

104 100

78 50.1 38.0 57.0

103 57.9 43.9 65.9



#71

Bromoform

Concen: 1.148 ug/l

RT: 10.291 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

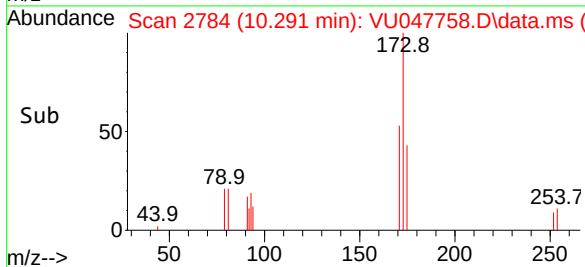
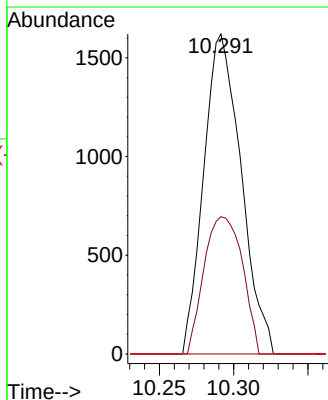
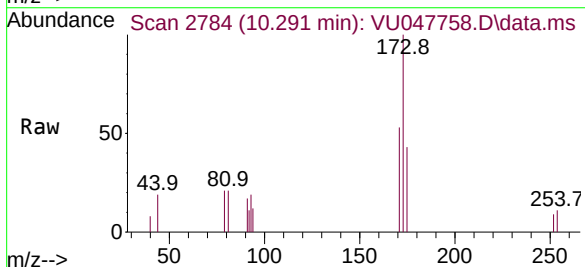
Tgt Ion:173 Resp: 2833

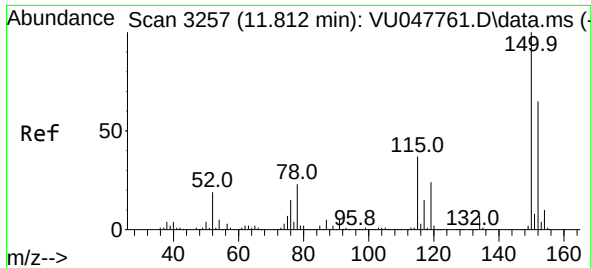
Ion Ratio Lower Upper

173 100

175 44.0 24.1 72.2

254 0.0 0.1 0.1#

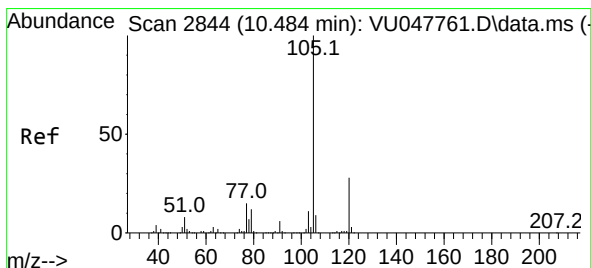
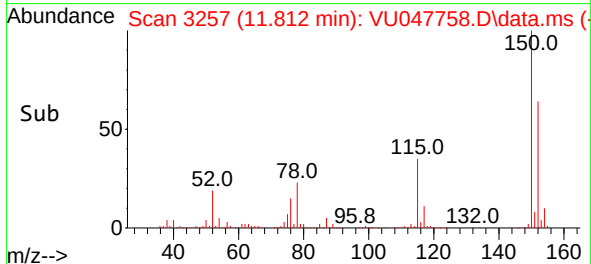
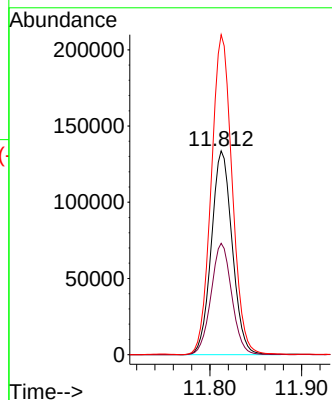
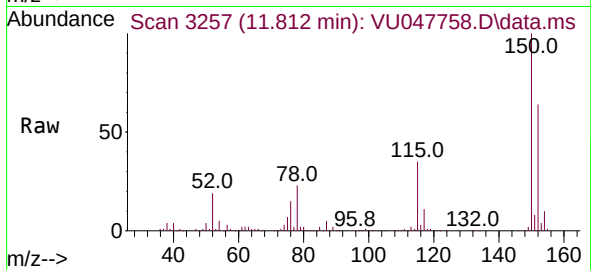




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 11.812 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: VU047758.D  
 Acq: 30 Mar 2022 10:50

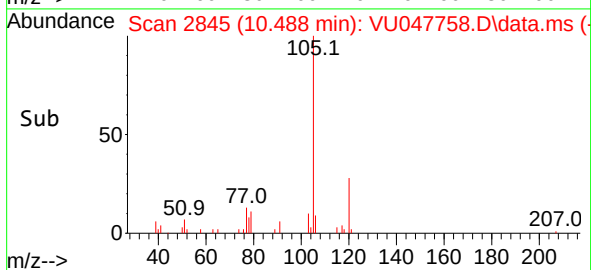
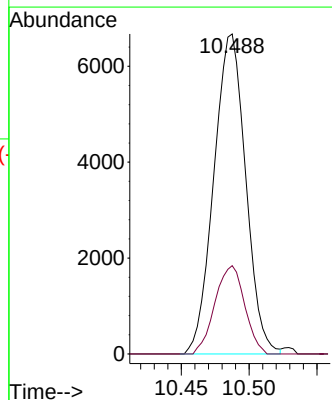
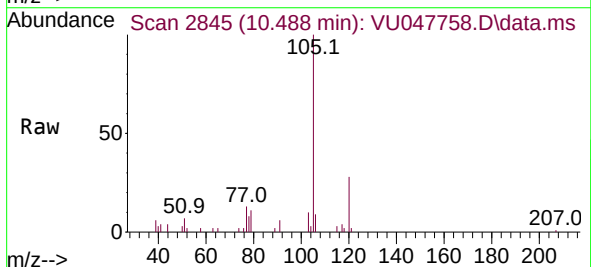
Instrument :  
 MSVOA\_U  
 ClientSampleId :

Tgt Ion:152 Resp: 211192  
 Ion Ratio Lower Upper  
 152 100  
 115 54.2 37.0 110.9  
 150 157.6 0.0 342.2

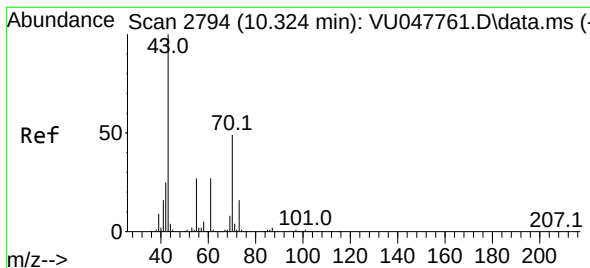


#73  
 Isopropylbenzene  
 Concen: 0.807 ug/l  
 RT: 10.488 min Scan# 2845  
 Delta R.T. 0.003 min  
 Lab File: VU047758.D  
 Acq: 30 Mar 2022 10:50

Tgt Ion:105 Resp: 10902  
 Ion Ratio Lower Upper  
 105 100  
 120 25.6 13.8 41.4







#74

N-amy1 acetate

Concen: 0.682 ug/l

RT: 10.324 min Scan# 21

Delta R.T. -0.000 min

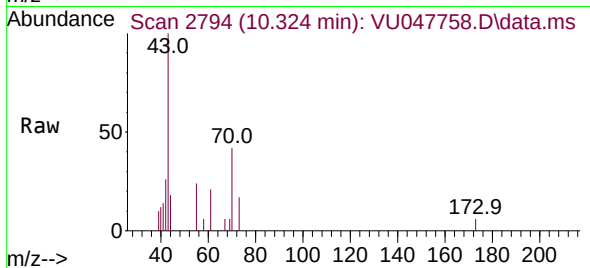
Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

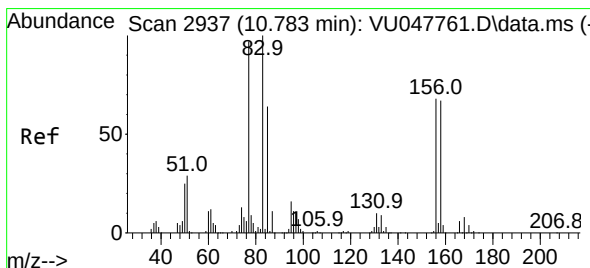
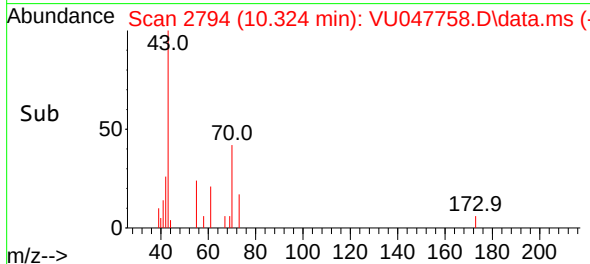
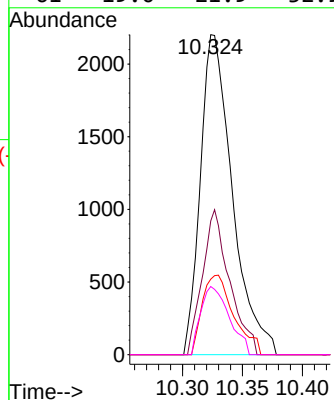
Instrument :

MSVOA\_U

ClientSampleId :



| Tgt Ion: | 43    | Resp: | 4085  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 38.5  | 38.7  | 58.1# |
| 55       | 24.6  | 21.8  | 32.8  |
| 61       | 19.0  | 21.9  | 32.9# |



#75

1,1,2,2-Tetrachloroethane

Concen: 1.001 ug/l

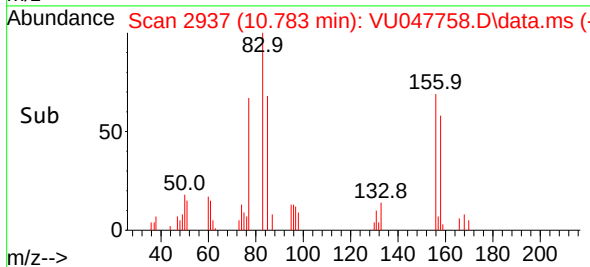
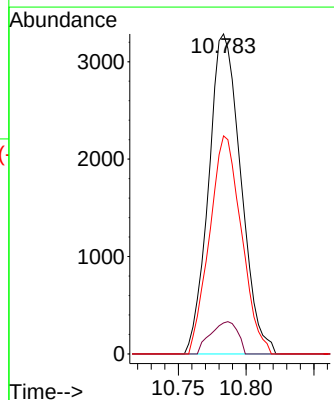
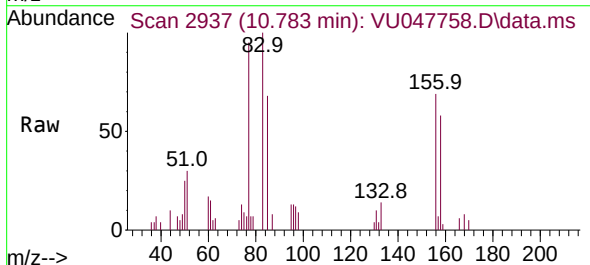
RT: 10.783 min Scan# 2937

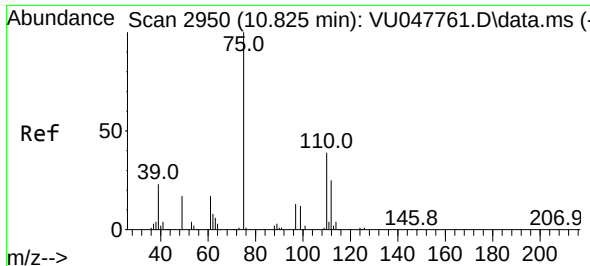
Delta R.T. -0.000 min

Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

| Tgt Ion: | 83    | Resp: | 5423  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 8.5   | 5.1   | 15.4  |
| 85       | 67.6  | 32.2  | 96.6  |

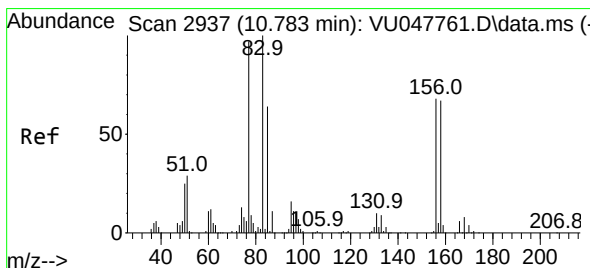
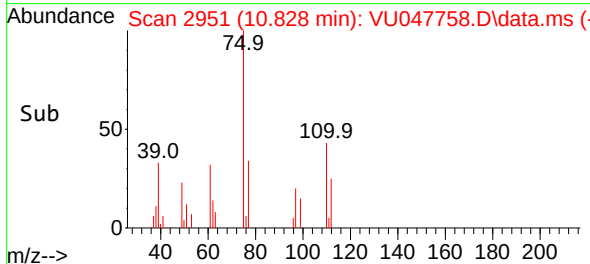
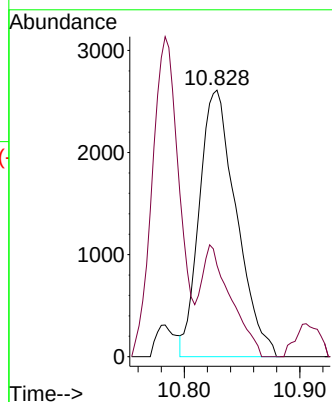
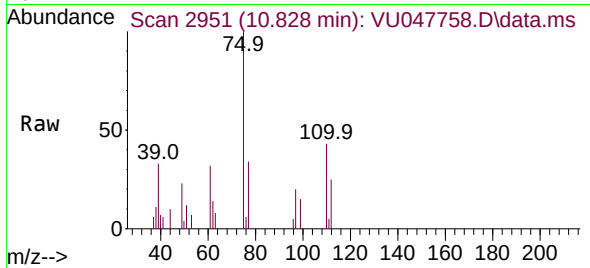




#76  
1,2,3-Trichloropropane  
Concen: 0.920 ug/l  
RT: 10.828 min Scan# 2951  
Delta R.T. 0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

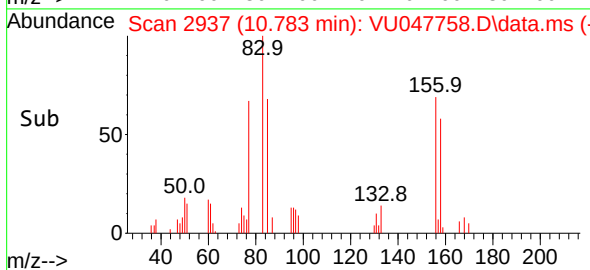
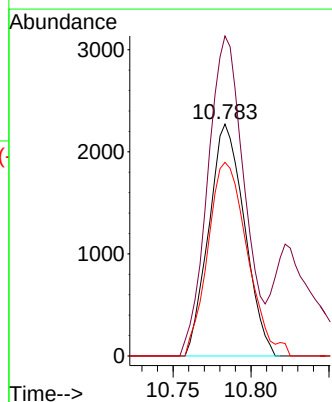
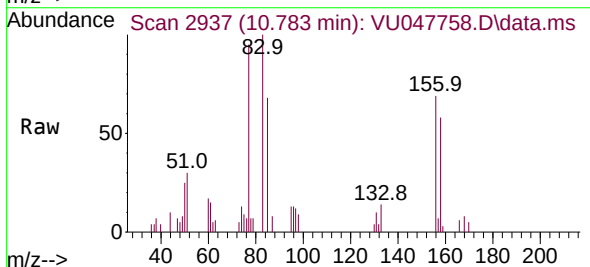
Instrument :  
MSVOA\_U  
ClientSampleId :

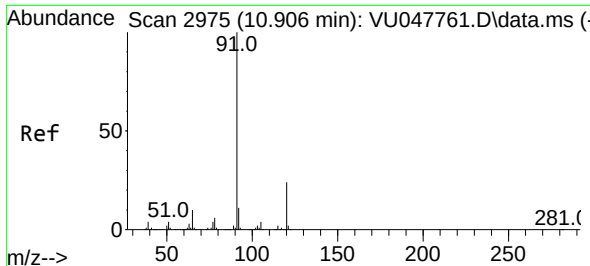
Tgt Ion: 75 Resp: 5811  
Ion Ratio Lower Upper  
75 100  
77 33.4 15.8 47.3



#77  
Bromobenzene  
Concen: 1.075 ug/l  
RT: 10.783 min Scan# 2937  
Delta R.T. -0.000 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

Tgt Ion: 156 Resp: 3614  
Ion Ratio Lower Upper  
156 100  
77 141.3 71.9 215.6  
158 92.2 48.9 146.8

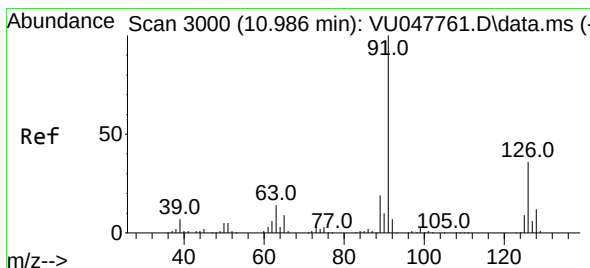
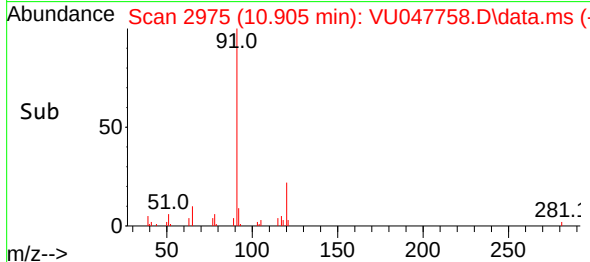
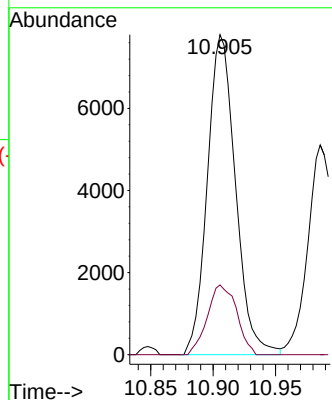
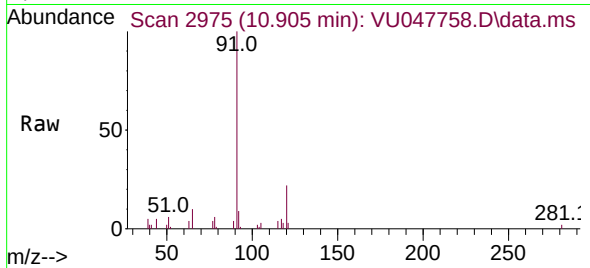




#78  
n-propylbenzene  
Concen: 0.734 ug/l  
RT: 10.905 min Scan# 2975  
Delta R.T. -0.000 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

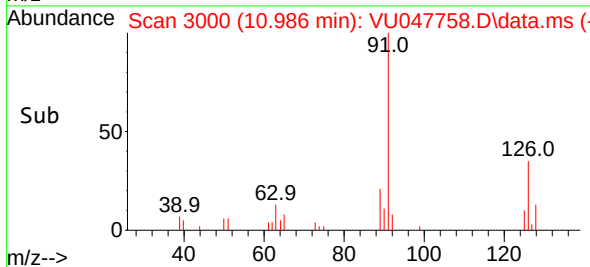
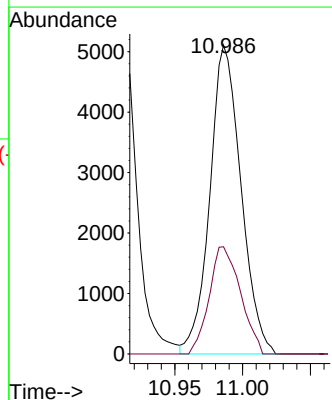
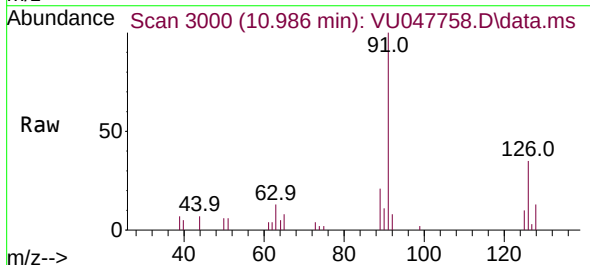
Instrument :  
MSVOA\_U  
ClientSampleId :

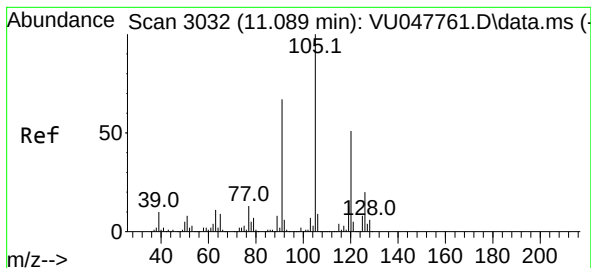
Tgt Ion: 91 Resp: 12241  
Ion Ratio Lower Upper  
91 100  
120 22.7 11.9 35.5



#79  
2-Chlorotoluene  
Concen: 0.826 ug/l  
RT: 10.986 min Scan# 3000  
Delta R.T. -0.000 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

Tgt Ion: 91 Resp: 8155  
Ion Ratio Lower Upper  
91 100  
126 34.8 18.4 55.0





#80

1,3,5-Trimethylbenzene

Concen: 0.729 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

Instrument :

MSVOA\_U

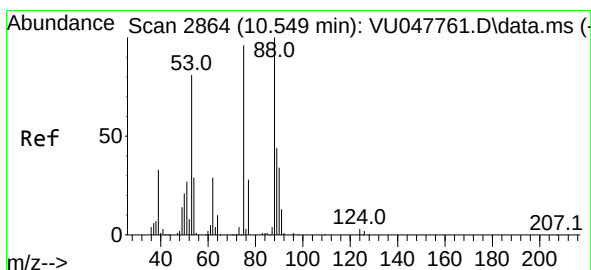
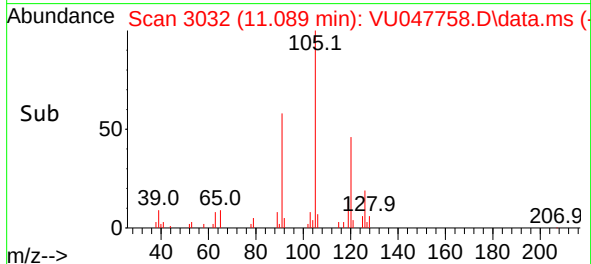
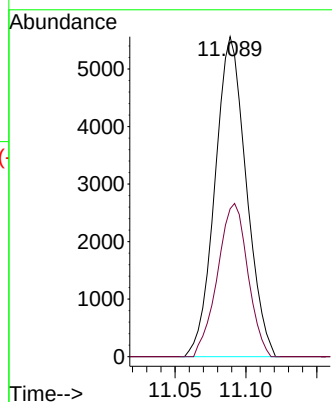
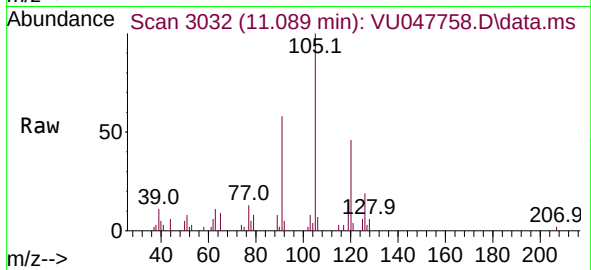
ClientSampleId :

Tgt Ion:105 Resp: 8543

Ion Ratio Lower Upper

105 100

120 46.3 25.3 75.9



#81

trans-1,4-Dichloro-2-butene

Concen: 0.742 ug/l

RT: 10.549 min Scan# 2864

Delta R.T. -0.000 min

Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

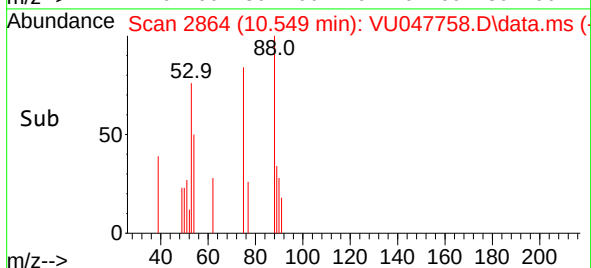
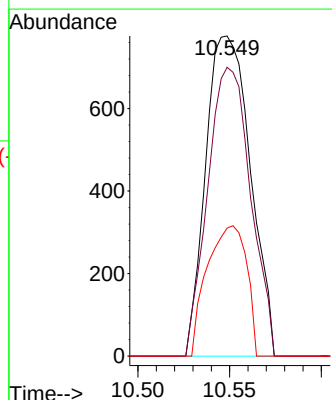
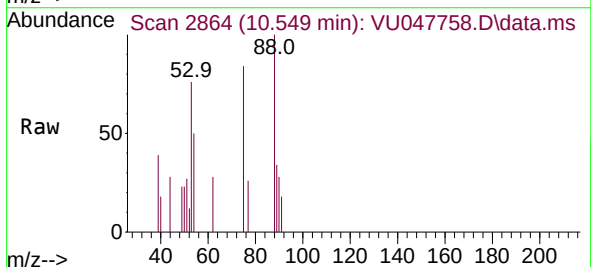
Tgt Ion: 75 Resp: 1316

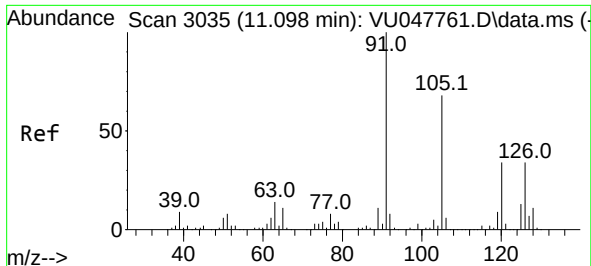
Ion Ratio Lower Upper

75 100

53 86.6 69.2 103.8

89 35.9 37.0 55.6#

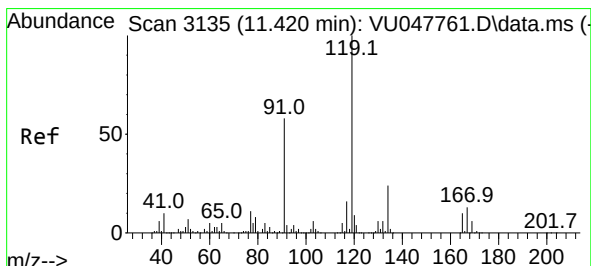
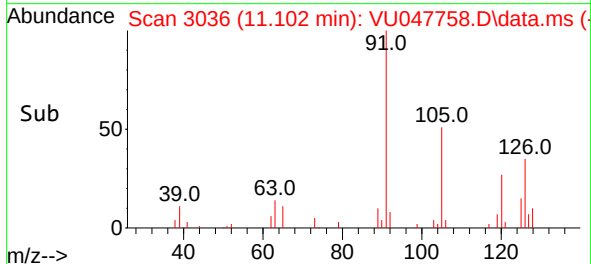
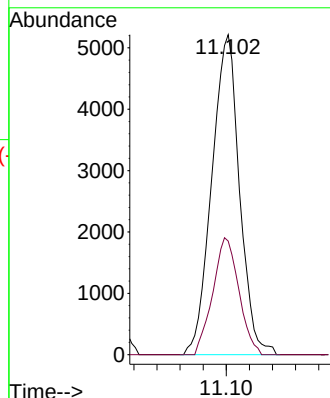
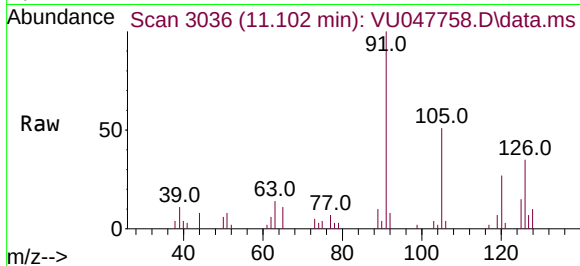




#82  
4-Chlorotoluene  
Concen: 0.750 ug/l  
RT: 11.102 min Scan# 3035  
Delta R.T. 0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

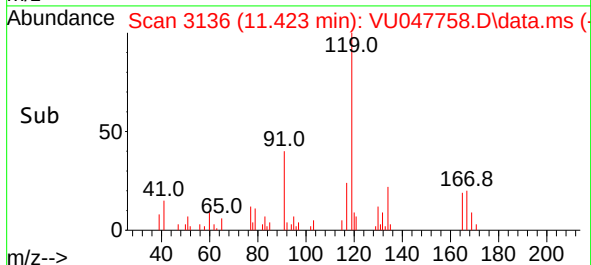
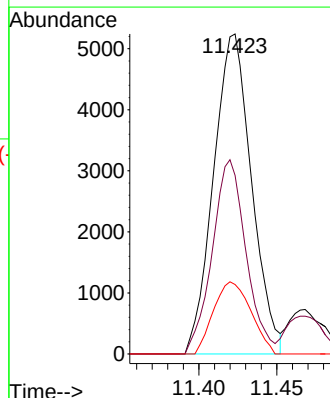
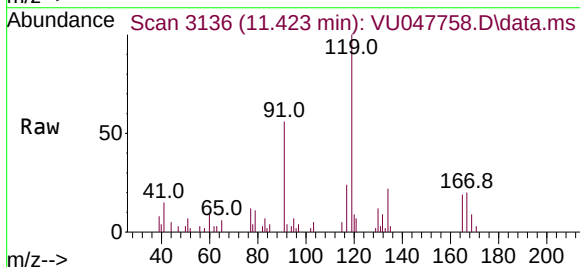
Instrument :  
MSVOA\_U  
ClientSampleId :

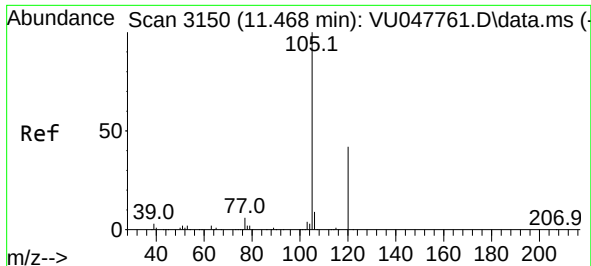
Tgt Ion: 91 Resp: 8687  
Ion Ratio Lower Upper  
91 100  
126 34.3 16.1 48.2



#83  
tert-Butylbenzene  
Concen: 0.796 ug/l  
RT: 11.423 min Scan# 3136  
Delta R.T. 0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

Tgt Ion: 119 Resp: 8906  
Ion Ratio Lower Upper  
119 100  
91 53.9 26.8 80.3  
134 22.2 11.5 34.5

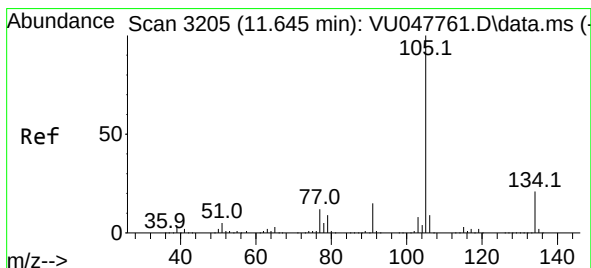
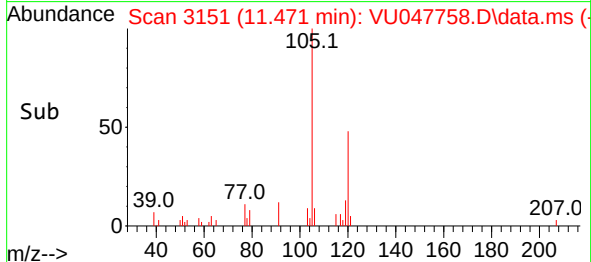
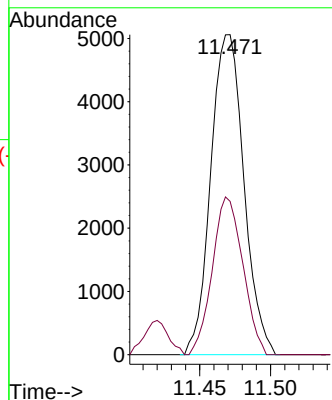
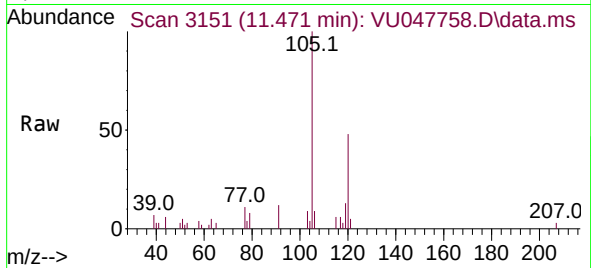




#84  
1,2,4-Trimethylbenzene  
Concen: 0.714 ug/l  
RT: 11.471 min Scan# 3151  
Delta R.T. 0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

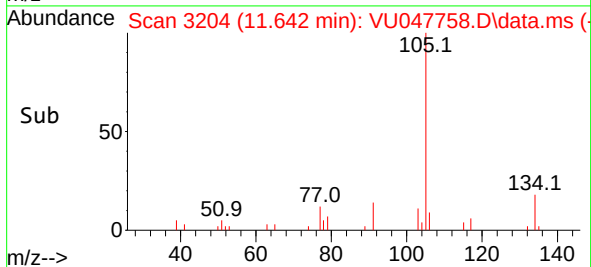
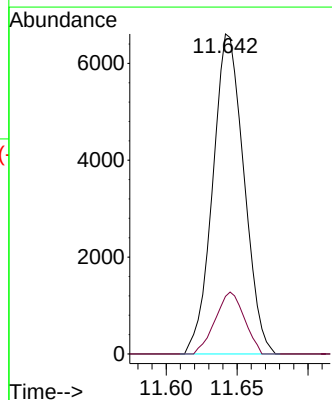
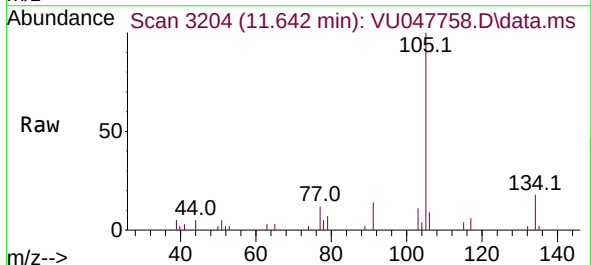
Instrument :  
MSVOA\_U  
ClientSampleId :

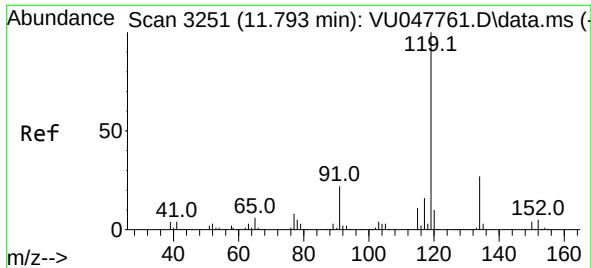
Tgt Ion:105 Resp: 8231  
Ion Ratio Lower Upper  
105 100  
120 45.3 23.4 70.3



#85  
sec-Butylbenzene  
Concen: 0.685 ug/l  
RT: 11.642 min Scan# 3204  
Delta R.T. -0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

Tgt Ion:105 Resp: 10098  
Ion Ratio Lower Upper  
105 100  
134 18.1 10.4 31.1

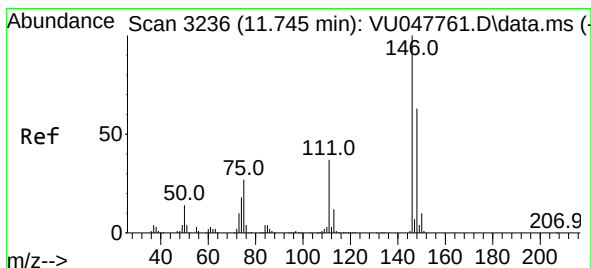
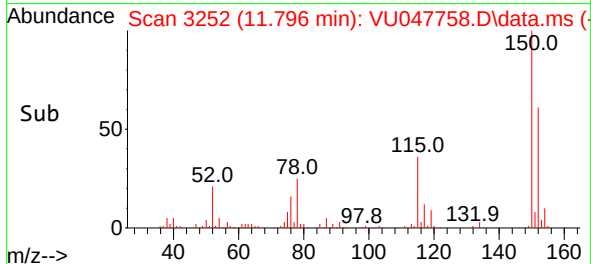
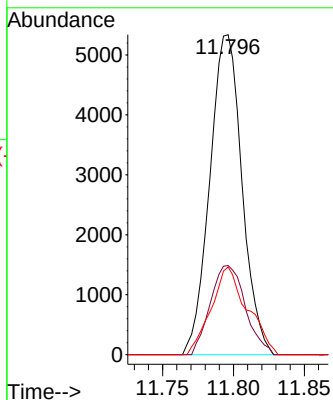
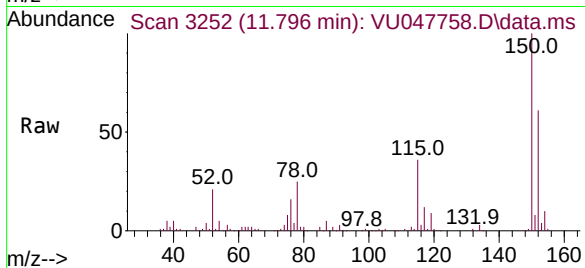




#86  
p-Isopropyltoluene  
Concen: 0.683 ug/l  
RT: 11.796 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

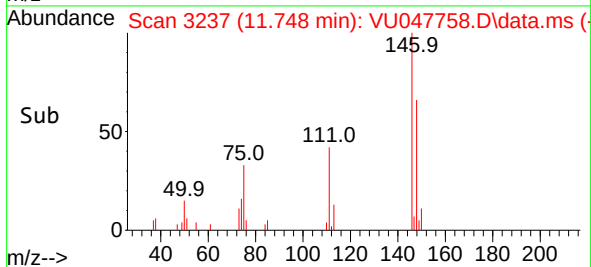
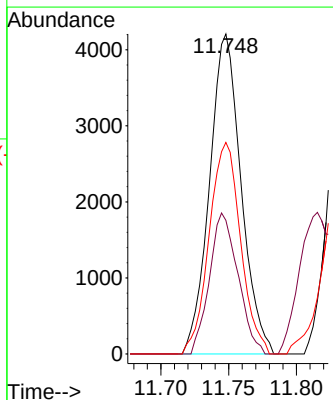
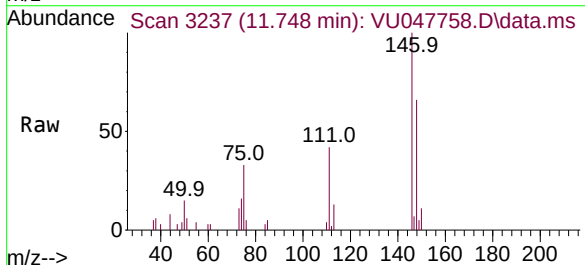
Instrument :  
MSVOA\_U  
ClientSampleId :

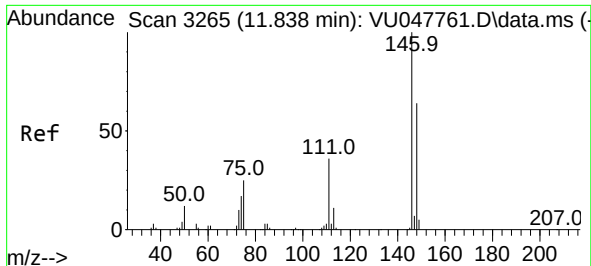
Tgt Ion:119 Resp: 8444  
Ion Ratio Lower Upper  
119 100  
134 30.2 13.5 40.4  
91 30.8 11.2 33.5



#87  
1,3-Dichlorobenzene  
Concen: 1.009 ug/l  
RT: 11.748 min Scan# 3237  
Delta R.T. 0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

Tgt Ion:146 Resp: 6806  
Ion Ratio Lower Upper  
146 100  
111 39.9 18.9 56.5  
148 65.9 31.9 95.9





#88

1,4-Dichlorobenzene

Concen: 0.999 ug/l

RT: 11.748 min Scan# 31

Delta R.T. -0.090 min

Lab File: VU047758.D

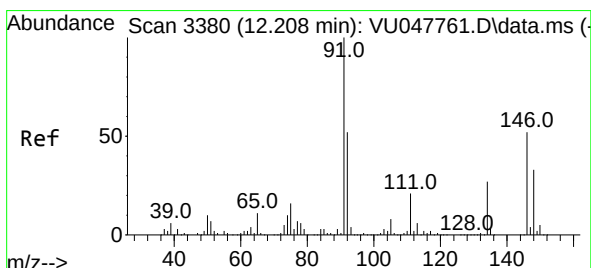
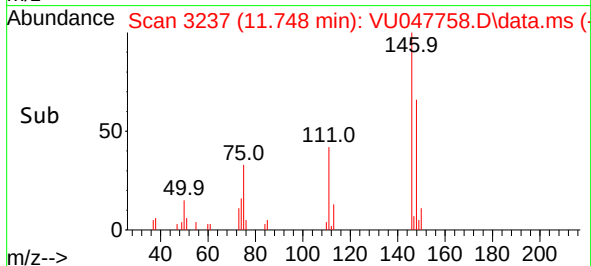
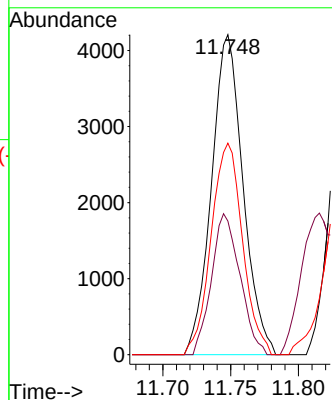
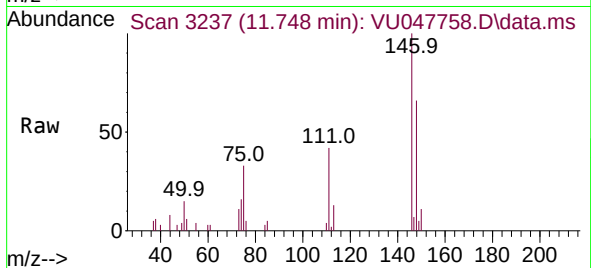
Acq: 30 Mar 2022 10:50

Instrument :

MSVOA\_U

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 6806  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 39.9  | 18.5  | 55.5  |
| 148      | 65.9  | 31.9  | 95.7  |



#89

n-Butylbenzene

Concen: 0.736 ug/l

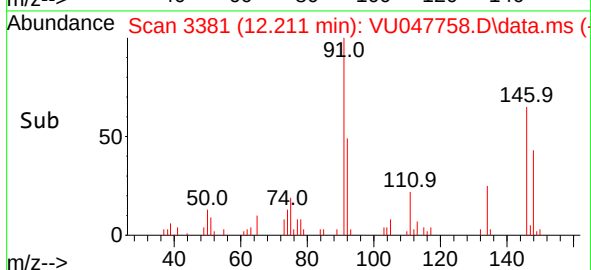
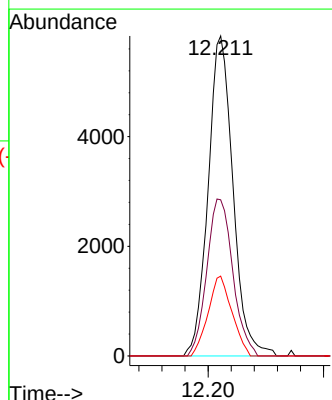
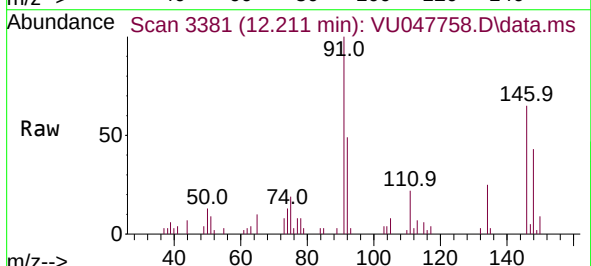
RT: 12.211 min Scan# 3381

Delta R.T. 0.003 min

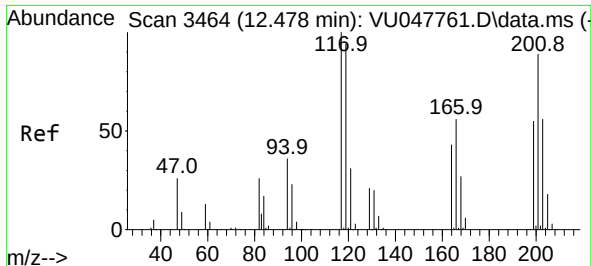
Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 8719  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 51.2  | 26.2  | 78.6  |
| 134      | 23.9  | 13.5  | 40.4  |

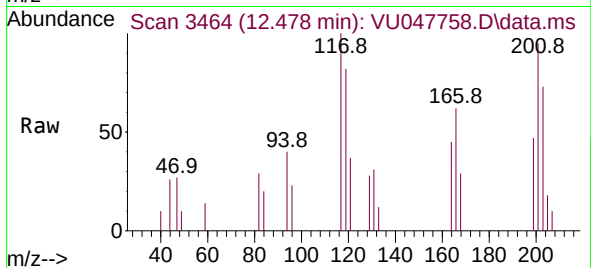




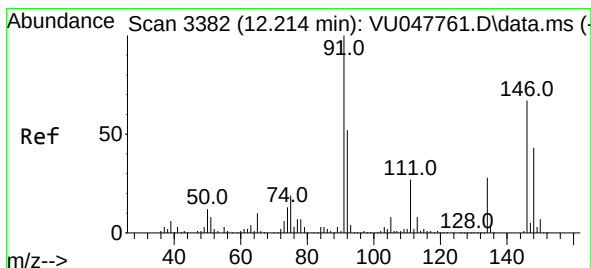
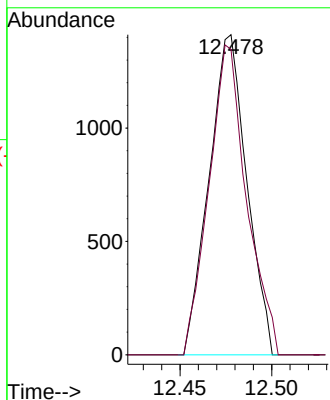
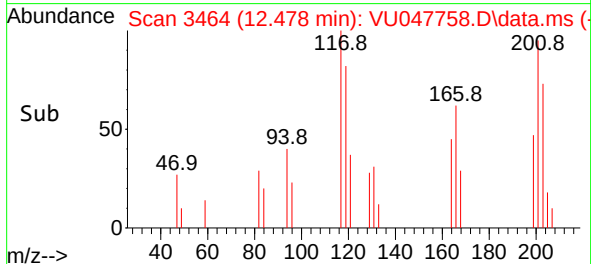


#90  
Hexachloroethane  
Concen: 0.890 ug/l  
RT: 12.478 min Scan# 3464  
Delta R.T. -0.000 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

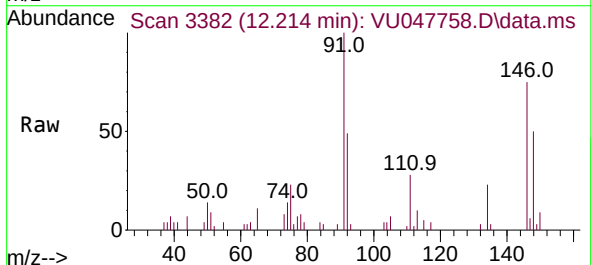
Instrument :  
MSVOA\_U  
ClientSampleId :



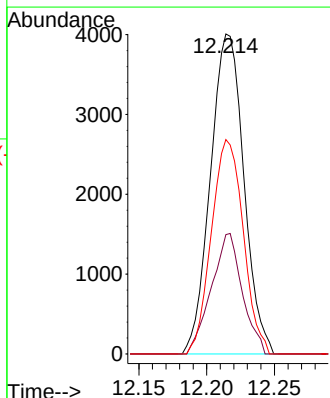
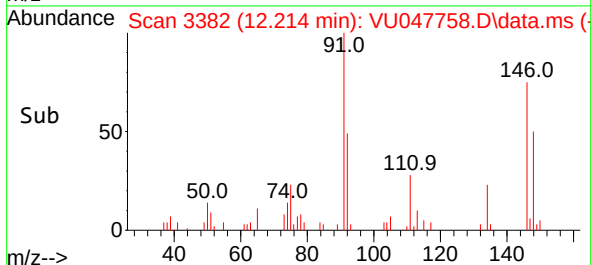
Tgt Ion:117 Resp: 2017  
Ion Ratio Lower Upper  
117 100  
201 96.8 44.6 134.0

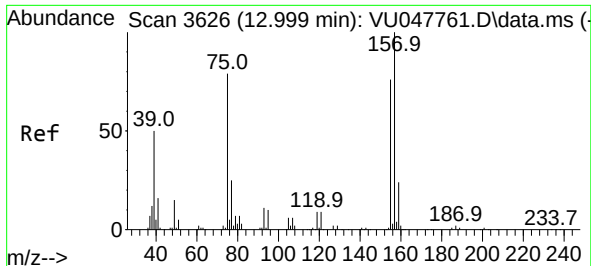


#91  
1,2-Dichlorobenzene  
Concen: 1.050 ug/l  
RT: 12.214 min Scan# 3382  
Delta R.T. -0.000 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50



Tgt Ion:146 Resp: 6870  
Ion Ratio Lower Upper  
146 100  
111 34.8 19.9 59.6  
148 63.8 32.1 96.5

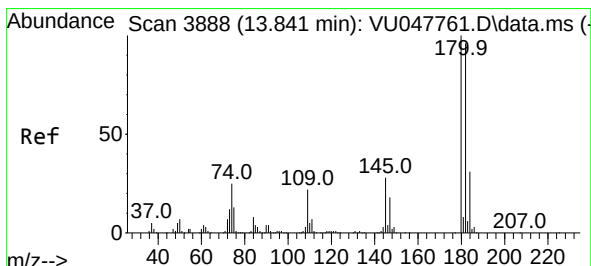
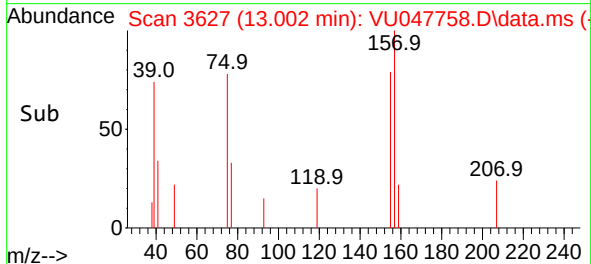
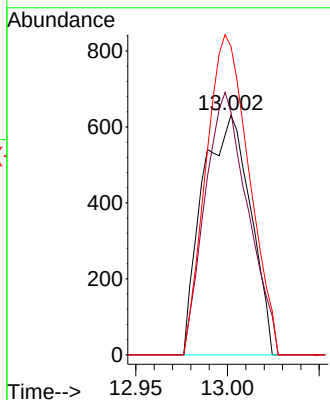
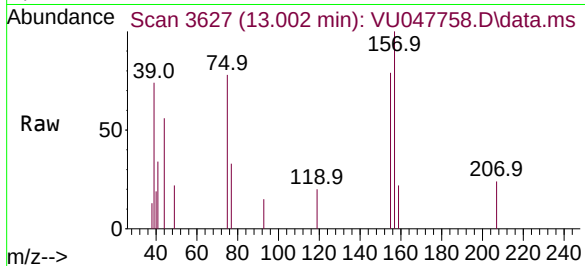




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.897 ug/l  
 RT: 13.002 min Scan# 3627  
 Delta R.T. 0.003 min  
 Lab File: VU047758.D  
 Acq: 30 Mar 2022 10:50

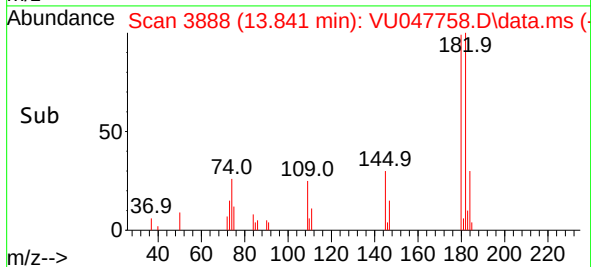
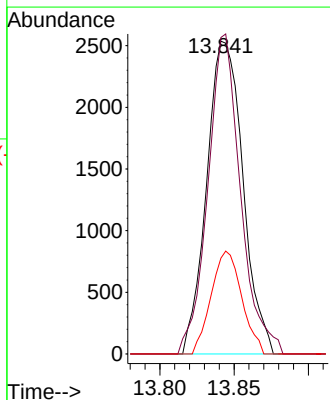
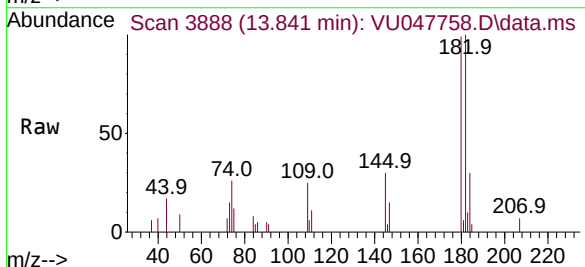
Instrument :  
 MSVOA\_U  
 ClientSampleId :

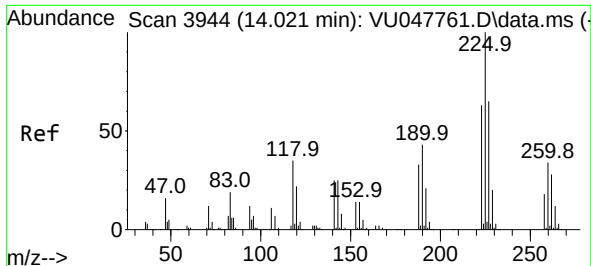
Tgt Ion: 75 Resp: 1145  
 Ion Ratio Lower Upper  
 75 100  
 155 97.6 47.8 143.4  
 157 120.4 62.2 186.5



#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.936 ug/l  
 RT: 13.841 min Scan# 3888  
 Delta R.T. -0.000 min  
 Lab File: VU047758.D  
 Acq: 30 Mar 2022 10:50

Tgt Ion:180 Resp: 4299  
 Ion Ratio Lower Upper  
 180 100  
 182 92.3 47.9 143.6  
 145 27.8 14.0 41.9

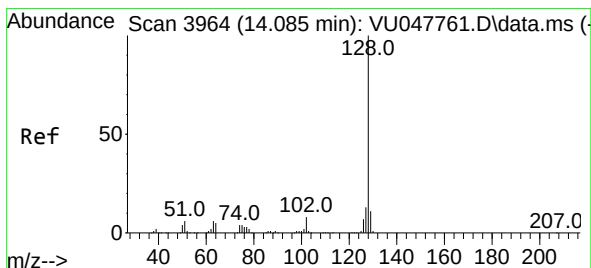
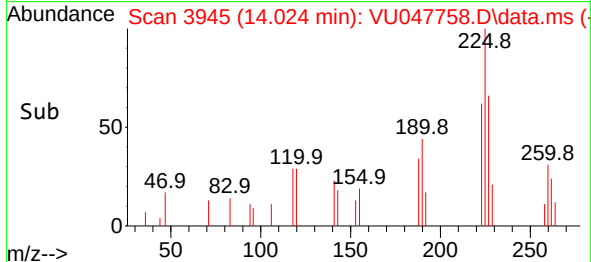
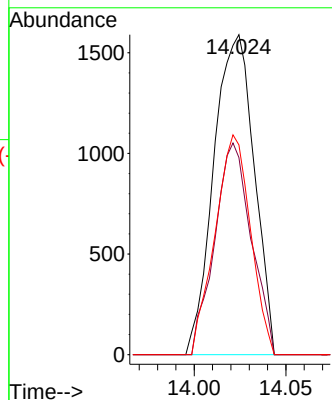
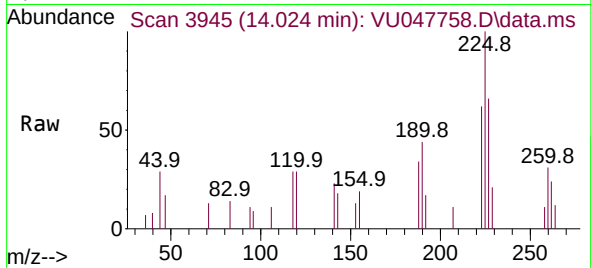




#94  
Hexachlorobutadiene  
Concen: 1.188 ug/l  
RT: 14.024 min Scan# 3944  
Delta R.T. 0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

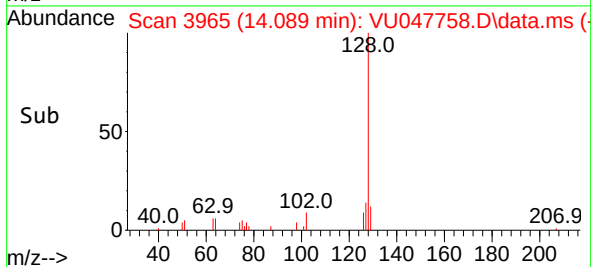
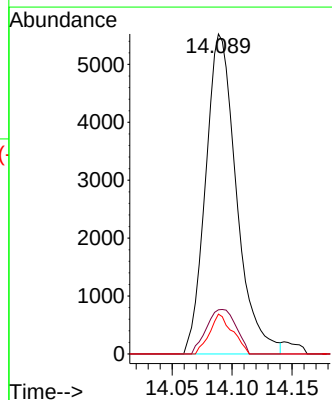
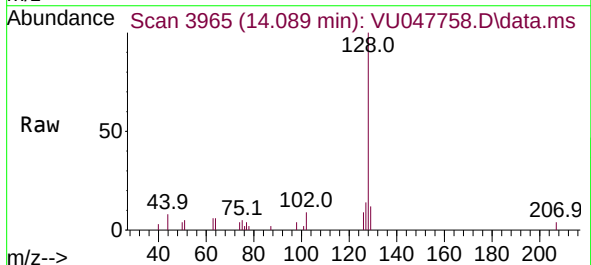
Instrument :  
MSVOA\_U  
ClientSampleId :

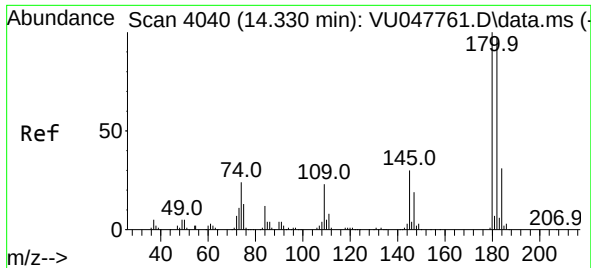
Tgt Ion:225 Resp: 2437  
Ion Ratio Lower Upper  
225 100  
223 60.1 31.3 93.9  
227 60.3 32.0 96.2



#95  
Naphthalene  
Concen: 0.644 ug/l  
RT: 14.089 min Scan# 3965  
Delta R.T. 0.003 min  
Lab File: VU047758.D  
Acq: 30 Mar 2022 10:50

Tgt Ion:128 Resp: 9858  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.3 15.5  
129 9.3 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 0.935 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

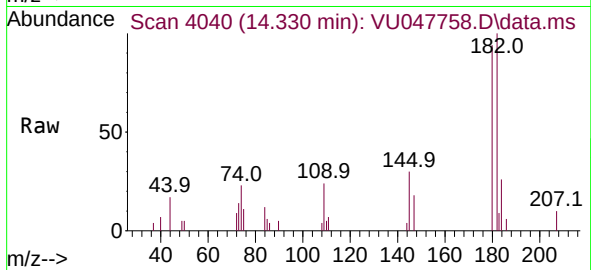
Lab File: VU047758.D

Acq: 30 Mar 2022 10:50

Instrument :

MSVOA\_U

ClientSampleId :



Tgt Ion:180 Resp: 4267

Ion Ratio Lower Upper

180 100

182 95.4 48.4 145.0

145 25.9 14.8 44.4

